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IN THE

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CLASS XXVI.

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BY

STANLEY LANE-POOLE.

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EDITOR'S PREFACE.

THE Eighth Volume of the Catalogue of Oriental Coins in the British Museum comprises the coinage of the 'Othmánlee Sulṭáns of Turkey, together with that of the Ḳará-Kuyunli and Áḳ-Kuyunli, and the minor dynasties that succeeded to the Seljooḳee empire in Asia Minor. Fraehn's Class XXVI. corresponds to the greater part of the contents of this volume.

The large extent of the series of 'Othmánlee coins rendered some method of compression desirable, and the brevity of their inscriptions fortunately permitting an arrangement in double columns, the descriptions of the obverse and reverse are placed side by side. The length of the inscriptions of most Mohammadan coins precluded this method of printing in previous volumes of the Catalogue.

The metal of each specimen is stated, and its size in inches and tenths, in the same manner as in preceding volumes. The weight of typical examples in gold and silver is stated in English grains. Tables for converting grains into grammes, and inches into millimètres as well as into the measures of Mionnet's scale, are given at the end of the volume.

Typical specimens are figured in the twelve plates, which are executed by the autotype mechanical process from casts in plaster.

The work has been written by Mr. Stanley Lane-Poole; and I have carefully revised it, comparing every coin with the corresponding description.

Since the publication of the last volume, the Académie des Inscriptions et Belles-Lettres of the Institute of France has conferred upon this work, as represented by the Fifth Volume, the honour of *couronnement*, by awarding to it the biennial Prix Duchalais.

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INTRODUCTION.

THE present volume is mainly occupied by the description of the coinage of the 'Othmánlee Sulṭáns, to which that of the Ameers of Asia Minor forms a necessary introduction. The latter consists of twenty-five coins of various dynasties which sprang up on the ruins of the Seljookee empire of Er-Room, and governed the greater part of Asia Minor until they were in turn themselves succeeded by the 'Othmánlee Turks. Only three varieties of these rare coins have hitherto been published, but these three have had the advantage of the minute and detailed annotations of Dr. E. von Bergmann* and Prof. J. Karabacek.† These two papers form almost the sole authorities for the explanation of similar issues. The inscriptions, indeed, are generally quite clear and legible, but the names when read are not easily to be identified in history. Von Hammer treats of the annals of Asia Minor from the fall of the Seljookees to the conquest by the 'Othmánlees with far too little detail; and the Turkish annalists, upon whom his industrious work is founded, are both vague and contradictory. In these circumstances the identification of the eleven princes whose coins are found in the British Museum was a matter requiring some research; and the construction of full dynastic lists, with the dates of accession and decease, was still more difficult of accomplishment. The princes and dynasties in question were sufficiently numerous and long-lived to allow ample room for omission and confusion.

* Beiträge zur muham. Münzkunde: Sitzungsberichte der phil.-hist. Classe der K. Akademie der Wissenschaften, vol. lxxiii. p. 129 ff.

† Gigliato des jonischen Turkomanen Fürsten Omar-beg: Numismatische Zeitschrift, vol. ii. pp. 524-538, and vol. ix. pp. 207-214.

Between the years 700 and 877 of the Hijreh ten separate dynasties, comprising nearly fifty princes, arose in Asia Minor, fought together, and annexed each other's towns, were subjugated by the 'Othmánlees and restored to independence by Timur, and finally were reconquered and annexed by the former. Of the dates and even the names of many of these princes the historians furnish mutually contradictory accounts, and sometimes there is a long interval without a single item of information. These contradictions and other difficulties have been discussed in a paper contributed by me to the Journal of the Royal Asiatic Society (vol. xiv., 1882), which may be consulted for details. It is only necessary here to summarize the results which were there set forth.

On the breaking-up of the Seljookee empire of Er-Room, ten separate dynasties divided its territories among themselves. The *Karásee* dynasty sprang up in Mysia; the lines of *Ṣároo-Khán* and *Aydeen* in Lydia; of *Menteshá* in Caria; of *Tekkeh* in Lycia and Pamphylia; of *Ḥameed* in Pisidia and Isauria; of *Ḳaramán* in Lycaonia; of *Kermiyán* in Phrygia; of *'Othmán* in Phrygia Epictetus; and of *Ḳizil-Aḥmedlee* in Paphlagonia.

All these dynasties were gradually absorbed by the rising power of the 'Othmánlees, once the least among them. The first dynasty to succumb was that of Karásee, which was annexed in A.H. 737. Next, Ḥameed was purchased on the occasion of a marriage alliance in 783; and in 792 Báyezeed (Bajazet) I. annexed Kermiyán, Tekkeh, Ṣároo-Khan, Aydeen, and Menteshá in a single campaign, and finished his work in 794 and 795 by the conquest of Ḳaramán and Ḳizil-Aḥmedlee. Thus, at the end of the eighth century of the Flight, not a hundred years after the assumption of independence by 'Othmán I., the arms of his great-grandson had swept away the nine rival dynasties. After the battle of Angora, however, late in 804, where Báyezeed was defeated and taken prisoner

by Timur, and for the moment the power of the 'Othmánlees in Asia was almost annihilated by the Tatar horde, seven of these dynasties (but not Karásee or Ḥameed) were restored by Timur, and enjoyed a renewed vitality for some twenty-five years; but in 829–32 five of them were re-absorbed by Murád (Amurath) II., and in 877 the 'Othmánlee rule, in the hands of Moḥammad II., the conqueror of Constantinople, was supreme over all the provinces which once owned the sway of the Ten Ameers.

The opposite table, which has been compiled from the sources already mentioned, as well as from the Sharaf-Námeh, Sa'd-ed-deen, and other authorities, gives a synchronous view of the ten dynasties and the princes who composed them. Those dates which are underlined are confirmed by the authority of Sa'd-ed-deen, whose highly-esteemed history Mr. E. J. W. Gibb has kindly consulted for me. These and the other dates generally rest upon several authorities; but certain divergences are recorded in the article already referred to. The most important are 740 or 746 for the accession of Ilyás of Ṣároo-Khán; 749 or 759 for that of 'Eesá of Aydeen; the insertion of an 'Alee in the Ḳaramán list, 815—824, for which there is no satisfactory evidence; and 873 or 877 for the submission of Pir Aḥmad and Isḥáḳ of the same dynasty. Among the coins, all of which are inedited, the following must be signalized as specially important: no. 53, of Ibráheem of Ḳaramán, establishing his accession in 829 (not 830, as Sa'd-ed-deen and the Sharaf Námeh, nor 826, as Bergmann), and presenting a remarkable obverse inscription; no. 58, of Isḥáḳ of Ṣároo-Khán, with date 776, proving that Rasmussen's date 791 for Isḥáḳ's accession is incorrect; no. 59, of 'O[mar] ibn Ilyás of the same dynasty, as being the only evidence with which I am acquainted, besides Von Hammer's mention of an "Umurbeg" in 810 (vol. i. p. 348), that such a prince belonged to the line at all; no. 60, a most valuable coin of Juneyd, proving that this

adventurer did not retain the outward marks of vassalage imposed upon him in 814 or 816 by Sulṭán Moḥammad I., whose name does not appear on the coin; and no. 62, which presents the name of a certain Leyth ibn Ilyás of Menteshá, 824, totally ignored by the historians, who give Uweys and Aḥmad as successors of Ilyás in 824, and state that they were imprisoned in 829 in consequence of having fled from the "favours of the heaven-supported monarch," the 'Othmánlee Sulṭán, at whose court they had been compelled to reside. Perhaps their brother Leyth, whom this coin reveals to us, was regent and viceroy in their absence. The coins of Moḥammad Arteen, of Isḥáḳ (Páshá? governor of Anatolia under Murád II. and Moḥammad II.), and Mufettiḥ-ed-deen, an elsewhere unrecorded vassal of the house of Karamán, are also important additions to the numismatics of the period.

The coinage of the 'Othmanlee Sulṭáns presents very few difficulties. The inscriptions are short, and consist of little beyond the name and style of the Sulṭán and the mint and date. At first a simple religious formula was employed, but this soon dropped out of use. The coins of Urkhán (the first Sulṭán who exercised the right of coining) have not even the mint or date inscribed upon them, but only the *Kelimeh* on one side and the Sulṭán's name, with generally no title, but sometimes with السلطان الاعظم, on the other. One specimen of his successor, Murád I., bears the date 790 in ciphers, and after this all 'Othmánlee coins are dated, but always in ciphers.* The earliest occurrence of a mint in the British Museum collection is on a coin of Moḥammad I. struck at Brusa in 822. The inscriptions soon assume a monotonous character, consisting merely in the name of the Sulṭán and his father, as محمد بن مراد خان

* From the time of Bayezeed II., however, the majority give only the date of each Sulṭán's accession, until Mustafa III., 1171, when the practice of adding the year of the reign was introduced.

(sometimes with سلطان prefixed), followed by the benedictory formula خلد الله ملكه or more commonly خلد ملكه, which about the time of Seleem II. gives place universally to عز نصره. Sometimes both formulas occur on the same coin, and in one case we read خلد ملكه ودولته; on another عز نصره وايده. On the large pieces of the New Coinage دام ملكه is used instead of the preceding; and on one type we find دام ملكه وسلطنته الى اخر الدوران. The simplicity of the Sulṭan's titles is seldom varied. Suleymán Chelebee calls himself امير once; Moḥammad I. once خاغان. Bayezeed II. introduces the formula ضارب النضر صاحب العز و النصر فى البر والبحر, "Striker of the glittering [gold] and lord of might and victory by land and sea," which in the reign of Murád III. is replaced by سلطان البرين وخاقان البحرين سلطان ابن السلطان, "Sulṭán of the two continents and Khaḳán of the two seas, Sultán, son of the Sulṭán." Seleem II. affects the title شاه, and the same is used by his son Suleymán the Magnificent, who also adopts the style of بادشاه غازى on some curious gold pieces struck in the Hijáz (for Mekkeh and El-Medeeneh,—الحرمين الشريف[ين]). Maḥmood II. introduces the only other important variation by employing (besides غازى) the form سلطان سلاطين زمان عدلى محمود.

The Ṭughrá, or monogram of the Sulṭán's name and titles, appears for the first time in an elementary form on coins of Suleymán Chelebee. It was said to have originated from the impression of Sulṭán Murád I.'s hand dipped in ink, (which was all the handwriting the Sulṭán was capable of,) and has always been the official signature of the Porte. It consists generally of the formula of Sulṭán X. son of Sulṭán X. Khán, and sometimes includes the word صحا, written small, within the curves of the monogram, which Fraehn doubtfully interprets دايماً. The various forms of the Ṭughrá may be seen in the Plates at the end of this volume. It does not become frequent on the coins until the reign of Moḥammad III. (1003 A.H.).

A certain interest attaches to the mints of 'Othmánlee

coins as affording indisputable evidence of the growth of the Ottoman empire, and also as throwing some light on its provincial divisions. The following list of the mints of each Sulṭán, as represented in the National Collection, may be compared with the very instructive table of the gradual increase of the Turkish empire which Mr. E. J. W. Gibb has kindly drawn up expressly for this work, and for which his study of the original Turkish authorities has proved especially valuable.

MINTS OF THE 'OTHMÁNLEE EMPIRE.

SULṬÁN.	EUROPE.	ASIA.	AFRICA.
'Othmán (no coins)			
Urkhán (no mints)			
Murád I. (no mints)			
Báyezeed I. (no mints)			
Suleyman Chelebee (no mints)			
Moḥammad I.	Serez * 822	Brusa † 822	
Murád II.	Adrianople 832	Brusa	
	Serez	Ayásuluḳ	
Moḥammad II.	Adrianople	Brusa	
	Serez	Ayásuluḳ	
	Constantinople ‡ 875	Tireh	
		Khánjeh §	
Ráyezeed II.	Constantinople	Brusa	
	Adrianople		
	Karatova 886		
	Novár ‖ 886		

* سرز ; also, perhaps, سروز 816 (no. 102 *a*) : سيروز is a usual way of spelling Serez.

† Spelt بروسا and (?) بروسة, and (Murád II. etc.) برسة

‡ Spelt قسطنطينية until the time of Suleymán II.'s introduction of the New Coinage ; thenceforward قسطنطينة.

§ Locality unknown. M. Sauvaire suggests Janitza ; but ﺟﻨﻴﺘﺰﻩ has a dot over the ﺯ, and is of a Syrian style of work.

‖ Locality unknown, but perhaps for Novaberdeh, in Bosnia. M. Tiesenhausen, following Gen. Bartholomaei, suggests نواز near Ḥalab, and M. Alishan confirms this view. The

SULṬÁN.	EUROPE.	ASIA.	AFRICA.
Seleem I.	Constantinople	Ruhá	
	Novár	Brusa?	
Suleymán I.	Constantinople	Brusa	Egypt (*i.e.* Cairo) 926
	Sidreh-Ḳeysee 926	Ámid	Tripoli*
	Karatova	Damascus 926	Tunis
	Novár	Aleppo 926	Algiers
	Novaberda 926	Ṣoor?	
		Hijáz	
Seleem II.	Novaberda	Aleppo	Egypt
		Baghdád 974	
		هادنا (؟)	
Murád III.	Constantinople	Damascus	Egypt
	Sidreh-Ḳeysee	Aleppo	Algiers
	Novaberda	Ámid	Tilimsán†
		Khánjeh	
		Baghdád	
		Sákiz‡	
Moḥammad III.	Constantinople	Skub§	Egypt
	Novaberda	Damascus	Tunis
		Aleppo	Algiers
		Ámid	
Aḥmad I.	Constantinople	Erḍ-room (Erzeroom)	Egypt
		Ḳará...‖	Tripoli (غرب)
		Khánjeh	Tunis
		Aleppo	Algiers
		Ámid	

fabric of these coins, however, is certainly European, and identical with that of coins of Novaberda. Ahmad Vefik Pasha positively asserts that it is Novaberda.

* This may be Syrian Tripoli, as it has not the epithet غرب which on all future coins distinguishes the African mint.

† A very extraordinary coin, see below p. xxxvi.

‡ So read by M. Tiesenhausen. ساقز is the Turkish name of Scio.

§ سكوب, for Uskub, اسكوب.

‖ Of Asiatic type, like the Ámid and Erzeroom issues.

SULṬAN.	EUROPE.	ASIA.	AFRICA.
Muṣṭafá I. (1st reign)			Egypt
'Othmán II.	Constantinople	Damascus	Egypt
			Tripoli
Muṣṭafá I. (2nd reign)	Constantinople	Erzeroom	(Egypt)
			Tripoli
Murád IV.	Constantinople	Aleppo	Egypt
		Ṣan'á *	Tunis
			Algiers
Ibráheem I.	Constantinople	Damascus	Egypt
		Ámid	Tunis
			Fes? ?†
Moḥammd IV.	Constantinople	Damascus	Egypt
		Aleppo	Tripoli
		Baghdád	Tunis
			Algiers.
Suleymán II.	Constantinople	Ván?	Egypt
	Seráï‡	Baghdád	Tripoli
			Tunis
Aḥmad II.	Constantinople		Egypt
Muṣṭafá II.	Constantinople	Smyrna §	Egypt
	Adrianople.		Tripoli
			Tunis
Aḥmad III.	{ Constantinople }	Tiflees‖	Egypt
	{ Islámból }	Eriván‖	Tripoli
		Kenjeh	Tunis
		Tebreez‖	

* The only coin of San'á in the Ottoman series.

† A very curious and obscure coin; Mr. Gibb does not believe that Turkish rule ever extended so far as Fez.

‡ M. Belin records a special of Maḥghirs of necessity (like this) at Bosna Sarái, and Jevád Bey confirms him.

§ The establishment of a mint at Smyrna in this reign is mentioned by Belin and Jevád Bey.

‖ Peculiar issues at Tiflees, Eriván and Tebreez in this reign are recorded by Belin "à petit cordon," weight 100 to 110 drachmes; and 400 askcheh.

SULṬÁN.	EUROPE.	ASIA.	AFRICA.
Maḥmood I.	Islámból* Constantinople	Kenjeh Tiflees Diyárbekr	Egypt Tripoli Tunis Algiers
'Othmán III.	Islámból Constantinople		Egypt Tripoli Algiers
Muṣṭafá III.	Islámból	Aleppo Tebreez Baghdád	Egypt Tripoli Tunis Algiers
'Abd-El-Ḥameed I.	Islámból Constantinople	Baghdád	Egypt Tripoli Tunis Algiers
Seleem III.	Islámból		Egypt Tripoli Tunis Algiers
Muṣṭafá IV.	Constantinople		Algiers
Maḥmood II.	Constantinople	Ván Baghdád Hijáz(Mekkeh)	Egypt Tripoli Tunis Algiers Constantine.
'Abd-El-Mejeed.	Constantinople	Baghdád	Egypt Tunis
'Abd-El-'Azeez.	Constantinople		Egypt Tunis
Murád V.	Constantinople		
'Abd-El-Ḥameed II.	Constantinople		

* Islámból ("Islam Plenteous") is merely a fancy name for Constantinople. When coins are struck with each name it is noticeable that as a rule Islámból occurs on the gold and Constantinople on the silver coinage. The theory that Islámból was used, instead of Ḳusṭanṭeeneeyeh, to indicate that the Ṣulṭan did not inherit by direct Ottoman succession, finds no support in the coins themselves.

There is but one serious difficulty connected with 'Othmánlee coins, and that is their metrology. The coinage of other Mohammadan dynasties is of a more or less simple character; deenárs and dirhems, with very occasional and elementary subdivisions and multiples, have comprised the denominations of all gold and silver issues; and the fluctuating and anomalous copper coinage which accompanied them has defied metrological analysis. Even if the standards and purity of the earlier Mohammadan issues presented a more important field of metrological inquiry, the data appear to be almost wholly wanting. The weights and purity of deenárs and dirhems were constantly changing, at the bidding no doubt of the financial exigencies of the particular State or sovereign; but in the vast majority of instances the records as to these changes and their causes have not been found. In preparing the Catalogue of Oriental Coins in the British Museum, therefore, it has not been necessary and rarely possible, hitherto, to enter with any reasonable prospect of commensurate results into the vexed questions of Mohammadan metrology. With the 'Othmánlee coinage, however, the case is different. Here we have some data to go upon. The commercial relations between Turkey and other European powers made some sort of approximation to European systems of currency necessary, and also called forth from time to time official tariffs of exchange between Turkish and other coinages. These documents not only deal with the exchange value and the mutual relations of the various 'Othmánlee coins, but often give their weights and certain rough descriptions of their appearance and distinctive marks. No description of the modern Turkish coinage would be complete without the name by which each coin is distinguished in Turkey, and this denomination is, as a rule, only to be determined by the weight of the coin.

The early Turkish coinage, indeed, presents little variety of denominations. The *akcheh* (اقچه) or *'Othmánee*, a small

silver coin, averaging eighteen grains in weight, was the only piece issued by Urkhán, son of 'Othmán I., when, acting on the counsel of 'Alá-ed-deen, he inaugurated the Ottoman coinage in 729. The weight was one-third of a dirhem of silver, and the *titre* ninety per cent. of pure metal:* some authorities, however, give the aḳcheh as one-fourth of the dirhem.† The *mānghir* (مانغر), a copper coin, was introduced by the next Sulṭán, Murád I.:—it was of uncertain value, and ranged apparently at first from eight to sixteen to the aḳcheh, and eventually became of equal value with it.‡ After the conquest of Constantinople, Moḥammad II. for the first time issued (in 883)§ the gold coin called *altoon* (التون), or more generally by numismatists *sequin*. Previously foreign gold coins, especially the Venetian ducat, had sufficed for the Turkish currency, counter-stamped, however, according to M. Belin, with "*ṣaḥḥ*, contrôle," in a square. The altoon, or *sulṭánee altoon*, was known by various other names, according to the predominant foreign commercial influence:—under western influence it was called *flooree* (florin); under Persian, *sháhee;* and after the conquest of Egypt, the name *ashrafee* or *shereefee*, which had been given to the improved coinage of El-Ashraf Barsabay, was transferred to the issues of the Constantinopolitan mint. Thus far, beyond a good deal of deterioration and fluctuation in the weight of the *aḳcheh*,‖ there is little to

* So Col. Aḥmad Jevád Bey, in his *Ta-reekh-i-'askaree-i-'Othmánee*, vol. i.

† *Tüj-et-Teváreekh*, and Von Hammer.

‡ Jevád Bey states that 800 were coined out of the ukkah of copper (400 drachms), and that at first two and then three of these went to the aḳcheh.

§ The first Turkish gold coin in the British Museum is not of Mohammad II., but of his successor Báyezeed II., and bears the date 886 A. H. (1481 A. D.)

‖ M. Belin's pages (*Journal Asiatique*, 6th ser., t. iv.) are full of records o a constantly increasing deterioration of the aḳcheh. *E. g.* Seleem I.—3 aḳchehs weighed 1 drachm of silver and 60 went to the sequin; Seleem II.—aḳchehs smaller; Moḥammad III.—aḳchehs still smaller and thinner; Aḥmad I., still diminishing; 'Othmán II.—aḳcheh thinner than paper.

remark about the 'Othmánlee coinage. Down to the time of Aḥmad III., the gold coins are all simply *altoons* (qualified according to the fancy of the time with various epithets, as sháhee, ashrafee, shereefee, tughralee, jedeed, &c.); the silver coins, except certain heavy pieces of Syria and Mesopotamia,* are *aḳchehs* or *'Othmánees;* and the copper, *mángkirs*.

In the twelfth century of the Hijreh a new coinage begins. Two standards of gold are issued side by side, and an entirely new system of silver currency is introduced. The two metals must be discussed separately.

The change in the gold currency consisted in the introduction of a second standard. At first the altoons had weighed about 53 grains, sometimes rather more, and often a few grains less. Under Aḥmad III., however, in 1123, a different gold coin, weighing 40 grains, or about three-fourths of the old altoon, was struck. It has been suggested† that this new coin was originally an altoon of the Egyptian mint and of the old weight, and that it gradually deteriorated until it came down to 40 grains, when it was introduced into Constantinople, doubtless with a view to that financing for which the Turkish mint was famous. There

The silver coinage in the British Museum bears out this statement; beginning at from 17·4 to 19·1 grs. under Urkhán, the aḳchehs maintain nearly the same weight until Moḥammad II., when they fall to 14·8, and even 13·0 grs.; under Báyezeed II. they are reduced to 12·3, and under Seleem I. to 10·0; Suleymán I. issued aḳchehs at an average weight of 10·0 grs., one falling so low as 7·6; Seleem II. reduced them to 9·5; and under Moḥammad II. and Aḥmad I. the weights fall to 5·0 and 4·0; and under Murád IV. and Ibráheem I., and Moḥammad IV., 7, 5, and 9 grs. are ordinary weights.

* These seem almost anomalous. The silver issues of Suleymán I., *e.g.* at Ámid, weigh 61·5 grs., Soor 40·5, Damascus 14·7; Seleem II., Aleppo 52, Baghdád 59·3; Murád III., Aleppo 55, Ámid 48·7; Moḥammad III., Aleppo 34, Ámid 33; Aḥmad I., Erzeroom 24, Aleppo 20; Muṣṭafa I., Erzeroom 34; Ibráheem I., Ámid, 17; Damascus, 22; Moḥammad IV., Damascus 19, Aleppo 39, Baghdád 45. The silver issues of the Barbary States are also peculiar in weight; 20, 15, 8, and 46 occurring within the period from Suleymán I. to Moḥammad IV., besides more normal weights.

† By M. Bernard in the *Description de l'Egypte* (2nd ed., t. xvi.).

is, however, no evidence either of this Egyptian origin or of this gradual deterioration. We should expect to find Egyptian pieces of 50, 48, 44 grains, and so forth, gradually approximating to the eventual 40 grains. Such, however, we do not find. The new standard of 40 grains comes suddenly into existence, *first in Constantinople* in 1123, and then in Egypt in 1143, with no previous gradations of weight.

This sudden introduction of a perfectly new standard weight is a matter of no great surprise in the history of Turkish money, and, indeed, taken in connection with the almost contemporaneous change in the silver issues, appears natural. M. Bernard has confused the separate questions of the origin of the *type* and the origin of the *standard*. The type of the new coin is older than its standard. It must be observed that 'Othmánlee coins are distinguished by certain regular and constant formulas, or their entire absence. (A.) The old altoon has on its obverse the formula, *Ḍárib en-naḍr ṣáḥib el-'izz wa-en-naṣr fi-l-barr wa-l-baḥr*, "Striker of the glittering (money) and lord of might and victory by land and sea." (B.) A new formula, *Sulṭán el-barreyn wa-Khaḳán el-baḥreyn sultán ibn es-sultán*, "Sultan of the two lands and khaḳán of the two seas, sulṭán son of the sulṭán," was first substituted for formula A on the Egyptian coinage in 982 (under Murád III.), and retained its place there undisputed until 1143, when coins without any formula shared its monopoly. This second formula, *Sulṭán el-barreyn*, gradually ousted *Ḍárib en-naḍr* from most of the Turkish mints; it was in possession of the coinage of Aleppo in 1002, of Ámid 1013, of Algiers 1032, Tunis 1049, and Constantinople 1058. The difference of formula, however, so far has nothing to do with the weight. A and B alike weigh about 53 grains. (C.) In the reign of Aḥmad III., which began in 1115, the 3rd type of gold coin was introduced: this had no formula, but the Ṭughrá or monogram of the sulṭán on the obv., and

it was of the regular weight of 53 grains.* This new Ṭughrá-coin received the name of *funduḳ altoonee* (فندق التوني). Simultaneously the coins with Formula B were issued with the new standard of 40 grains, and received the name (said to have originated in Egypt) of *zer mahboob*, which they bore to the time of 'Abd-el-Mejeed. Thus we have (1) from 883 to 982 only Formula A, weight 53 grains; (2) from 982 to 1115 (or a little later) Formulas A and B side by side, the latter gradually monopolising almost the whole coinage, both of weight 53 grains; (3) from 1115 to 1260, a new *Ṭughrá*-impressed coin with no formula, of the old 53 weight, distinguished by the name *funduḳ altoonee*; and the already-known Formula B coin, now reduced to a new standard of 40 grains, and called *zer mahboob*. M. Bernard was quite right in saying that Formula B originated in Egypt; but the name *zer mahboob*, which is identified with Formula B *and the weight of* 40 *grains*, was probably not given to the coin before the new weight was invented, and that invention took place at Constantinople, not Cairo. The weights 53 and 40 remained almost unchanged down to 1203, when the weight of the mahboob was reduced.

There are half funduḳs of 26 and 27 grains from the time of Aḥmad III. in the National Collection, and a half zer mahboob of 20 grains from the same period. An early quarter sequin zer mahboob is mentioned by Bernard; but so far as I am aware the quarters are always of the funduḳ standard, of about 13 grains, until the reign of Maḥmood II., when z.m. quarters are introduced, the subdivisions undergoing variations corresponding to the changes in the units. These variations may be thus tabulated:—

* Jevád Bey says it was of the weight of one dirhem and five grains [of barley], and of 23 standard.

GOLD COINAGE OF MAḤMOOD II.

Year of Reign.	Zer Mahboob.	½ Z. M.	¼ Z. M.	Double (or Maḥmood-eeyeh).	½ F.
1—9	37½ grs.	..	..	..	..
1—18	..	..	..	..	13
9—15	37	..	..	..	..
9—20	..	17	..	70	..
15—26	24	14, 12	8—5	..	..
21—26	27	13			
26—32	24	12			

It will be noticed that a double mahboob is inserted in the preceding table. Multiples of the sequin, whether funduḳlee or mahboob, existed from the beginning of the double coinage. The British Museum has examples of Maḥmood I., weighing 75, 67, and 80 grains, and of 'Othmán III., 77, 81, 82 grains; Muṣṭafá III., 71, 74, 75, 80 grains; 'Abd-El-Ḥameed I., 79 and 80 grains; Seleem III. (when the z.m. had fallen to 37) 65; and Maḥmood II., 70 grains. These are all double mahboobs, and their weight is not very different from that of the old mithḳál, *i.e.*, 7½ grains or 4·6332 grammes. (M. Sauvaire estimates the Egyptian mithḳál at 4·6347; but the old Mekkeh mithḳál, preserved by the Muwaḥḥids, at 4·7292.) It is remarkable that the double sequins, though twice the *mahboob* weight, are of the *funduḳlee* type, with Tughrá on obv. They may, however, equally well be described as 1½ funduḳlee. It is to them, no doubt, that Jevád Bey refers under the name of "Maḥmoodeeyehs," which he states were struck in the reign of Maḥmood I. with the weight of 1½ dirhem and the *titre* 23: he adds there were half Maḥmoodeeyehs also; the latter I should call sequins zer mahboob. Besides these, there is a piece of Maḥmood I., weighing 117 grains, which is apparently a triple-sequin z.m.; and another of 244 grains which may be a six-sequin piece. Muṣṭafa III. issued a a gold coin of 150 grains, which may be a quadruple sequin. There is also an ornamental piece of Aḥmad III.,

with a rim, and a weight of 440 grains, which was not probably intended to pass current.

The silver coinage is a more complicated matter than the gold. In the latter the statements of the historians are fairly borne out by the actual coins; but in the silver this is not so often the case. In trying to solve some of the difficulties involved in the changes of the silver coinage, I have made use of the excellent *Essais sur l'histoire économique de la Turquie*, contributed by M. Belin to the *Journal Asiatique*,* Bonneville's *Traité*, and Bernard's admirable dissertation on the Turkish coinage of Egypt in the *Description de l'Egypte*.† Dr. E. Dickson, moreover, of the British Embassy, Constantinople, has been so good as to ransack whatever records were to be found at the Turkish capital, and to gather all the information that various learned Turks and Armenians were able to supply on the subject, notably some valuable tables drawn up by M. Hortolan. The results, though most interesting, are disproportionate to Dr. Dickson's great zeal and long-continued researches. It appears, indeed, that the Turks themselves know very little of the history of their own coinage; documents do not seem to exist; and, in fact, coining in Turkey has always been conducted in a haphazard, inaccurate way: a certain number of coins had to be issued at a given time, and only a certain quantity of bullion was in the Treasury for the purpose; accordingly the amount of gold and alloy, and the weight of the coin, were arranged so as to suit the exigencies of the situation. The result is that we cannot expect any consistent or methodical system of moneying.

The main authority upon which to depend is after all the coinage itself. The twelve hundred 'Othmánlee coins in

* Sixth series, t. iii., pp. 416—489; iv., 270—296, 301—390, 477—530; v. 127—167.

† T. xvi. of the second edition.

the British Museum offer a large induction, and upon them my conclusions must be principally founded. When the written authorities and the coins are at variance, there can be no doubt that the coinage is the safer guide. As, however, until the last twenty years the coins themselves bore no indication of their denominations, and the ghuroosh with its subdivisions and multiples, and the intermediate pieces, were distinguishable only by their weight, the coinage may not always be a clear and satisfactory guide. When, for example, we know there were pieces of 5, 10, 15, 20, 30, 40, 60, 80, and 100 paras, and the series is not completely represented in the collection, but only pieces of say 225, 306, and 445 grains, it may be doubtful whether the three are respectively 20, 30, and 40 para pieces, or 30, 40, and 60 para pieces, especially since M. Belin's economic history records sudden and extensive alterations in weights. The coins, therefore, require to be used with caution in an examination of this kind, and great allowance has to be made for the extraordinary carelessness and inaccuracy of the mint officials, whereby phenomenal exceptions to ordinary rules may occur, and also for friction, which has reduced many Turkish coins considerably in weight. Nor must it be forgotten that an edict fixing the weight of a certain coin at so much was not by any means sure to be put literally into practice.

M. Belin distinguishes between the national and the commercial monetary system of Turkey. The former consisted of the altoons, akchehs, and mánghirs, which make the course of the metrologist tolerably smooth down to the end of the eleventh century of the Flight.* The com-

* A ten-akcheh piece is stated by M. Belin to have been introduced by 'Othmán II. in 1028, and to have been called '*Othmánee*, after the Sultán This is confirmed by the appearance of a silver coin of 44 grains weight in the national Collection in this very reign. Similar coins of about 40 grains continued to be issued down to the time of the institution of the new coinage.

mercial system, on the other hand, is the silver currency introduced after that date to meet the exigencies of commerce with European nations. A large number of foreign coins have always assisted the Turkish currency. At one time, when the akcheh was the only silver coin issued at Turkish mints, foreign dollars and grossi served the purposes of the higher denominations of a silver currency. But under Suleymán II., in 1099, the Porte began to issue large silver coins in imitation of its neighbours. The Austrian thaler, and Dutch rixdaler (which the Turks called *asadi ghuroosh*), were the chief large silver coins current in the Ottoman empire, and it was in imitation of these that Suleymán II. issued his own large silver pieces in 1099, and gave them the name of *ghuroosh* (غروش), which recalls the grossi, groschen, and groat of the Western States. The Dutch dollar weighed 8½ drahems or dirhems,* and the German 9; but the new Turkish ghuroosh was fixed at 6 drachms,† or less than 300 English grains, at the highest estimate of the dirhem. Without entering deeply into the question of the exchange value of this Turkish ghuroosh, or piastre, as it was called by travellers—not, however, to be confounded

* M. Belin gives the dirhem or "drame" as $\frac{5}{8}$ of the mithḳál, which he estimates at 4·618 grammes. The dirhem, at this rate, would be 3·079 grammes, or say 47½ English grains. The Dutch crown would thus weigh 403 grains. There happens to be a Dutch crown counter-struck with Mustafa II.'s inscriptions, only a few years later than Suleymán II., but this weighs 415 grains. M. Belin's "drame" is nearly that of the French Expedition to Egypt, 3·0884. M. H. Sauvaire informs me that Moḥammed 'Alee appointed a commission to investigate the question, and the dirhem was then fixed at 3·0898, and this is held to be the weight of the legal dirhem by Maḥmood Bey. Tillet, in his *Essai sur la rapport des poids étrangers avec la marc de France* (Académie des sciences, 1767), gives for the dirhem of Constantinople figures corresponding to 3·18899. M. Sauvaire deduces 3·151596 from Edh-Dhahabee's tables. The Annuaire Ottoman (1280—1285) gives 3·207. If the weight of the Dutch crown may be depended upon, $\frac{1}{8\frac{1}{2}}$ of it would give 3·163764 for the dirhem. Amid this confusion in the elementary and fundamental matters, it is not easy to arrive at very certain results. M. Sauvaire in his letter adds: "Vraiment, avec cette métrologie musulmane, il y a de quoi perdre la tête!"

† Jevád Bey agrees in this.

with the small modern piastre—it is interesting to notice that the ghuroosh and the akcheh, which was its lowest *divisionnaire*, were constantly altering their relations. At first 50 (Jevád Bey says, originally 40) akchehs went to the ghuroosh, then 40—sometimes even 80, and in 1138, as many as 120 akchehs went to the new Turkish unit. This last figure, however, is perhaps explained by the fact that another small silver coin, the para (پاره), had come into existence about the middle of the eleventh century of the Hijreh (before 1066 = A.D. 1655), and that the para eventually usurped the place of the akcheh. How many paras went to the ghuroosh originally we do not know; but we do know that at first 4 akchehs went to the para, and supposing that about 80 akchehs at that time made up the ghuroosh, the latter must have equalled 20 paras. Then, as para and akcheh deteriorated—as we find they did in almost every page of M. Belin's instructive *Précis historico-économique* (ch. v.)—the para came to be, what it continued to be down to the time of 'Abd-el-Mejeed, the 40th of the ghuroosh, and the akcheh became the 3rd of the para and the 120th of the ghuroosh. Jevád Bey states that about 150 years ago the ghuroosh was officially adopted as a financial standard with the value of 40 paras.

Between the ghuroosh and the para were a series of subdivisions: the *beshlik* (بشلك), or 5 para piece; *onlik*, 10 para; *onbeshlik*, 15 para; *yigirmlik* (or more correctly *yigirmilik*), 20 para; *zolota* (زولوته)* or *otuzlik*, 30 para; the ghuroosh itself being 40 para. Beyond the ghuroosh were the *altmishlik*, or *double zolota*, 60 para; the *ikilik* (ايكيلك), or *double ghuroosh*, 80 para; and the *yuzlik* (يوزلك), 100 para;

* Jevád Bey says the zolota was struck in the year 1110 with the weight of 7 drachms and the value of 90 akchehs; standard and weight were gradually lowered until in the reign of Maḥmood II. the exchange fell to 35 paras, when the coin was abolished. "Zolota," says Dr. Dickson, "is a Slav word meaning three-fourths of a unit."

but the last three were not so regularly coined, to judge from the collections, as the lower denominations.

How are we to distinguish between these various denominations? Or, since there is only the weight to guide us, what were the weights of these various denominations at various periods?

In order to deal with this question, the first essential is to collect all the data that can be gathered from the sources enumerated above. The following table exhibits the principal weights of 'Othmánlee silver coins.*

* The weight is expressed in English grains, and has often had to be reduced from M. Belin's grammes, and since M. Belin has himself reduced the grammes from the Turkish weights, it is possible some error may have crept in, especially as Turkish weights were not always fixed quantities. I have left out fractions; the Turkish mints were so lax in their adjustments, that a whole grain wrong here and there was of no importance. The names of the Sulṭáns, from the introduction of the new coinage under Suleymán II., are given on the left margin; the presumed denominations of the coins are inscribed at the top, and the weights appertaining to them are placed in the corresponding column beneath; the initials preceding each weight represent:—A=Belin; B=British Museum Collection; C=Bonneville; D=M. Hortolan; E=M. Bernard, in the *Description de l'Egypte*. The para is made the unit for convenience of numbering. All the coins were struck at Constantinople, except the few marked E.

'Othmánlee Sulṭán.	½ Akcheh.	1 Para.	5 Beshlik.	10 Onlik.	15 Onbeshlik.	20 Yigirmilik.	30 Zolota.	40 Ghuroosh.	60 Altmishlik.	80 Ikilik.	100 Yuzlik.
Suleymán II. A.H. 1099—1102.	B 2						B 223	A 285 B 294 B 300			
Aḥmad II. 1102—1106.						B 146					
Muṣṭafá II. 1106—1115.					? B 94	B 150, 155		B 310, 306, 293, 293. *Imperial* dollar counterstruck, 300; *Dutch* dollar counterstruck, 419			
Aḥmad III. 1115—1143.	B 2, 4	B 9, 10, 6	B 52, 56	B 100, 99	B 165, 150	B 204, 198	B 293, 299, 300 [A, *Old* 290[2] *New* 390]	B 389, 415 [A, see Zolotas]			
Maḥmood I. 1143—1168.	B 3	B 10, 13, 9, 8.	B 49, 40, 39, 48	B 97, 91		B 186, 180, 176	B 289	B 371, 366, 363, 362			
'Othmán III. 1168—1171.			B 43	B 73				B 365			
Muṣṭafá III. 1171—1187.	B 3	B 8, 6	B 37	B 70, 69, 66, 65	B 103	B 142, 148 E 121	B 228, 225, 212	B 306, 298, 297, 292, 288 D 295 E ('Alee Bey) 245	B 445 D 440		
'Abd-el-Hameed I. 1187—1203.	B 2	B 8	B 37, 35	B 70, 69, 66, 65		B 148 C 97[1] D 98	B 224 [D 203][3]	B 296, 292, 274, 272, 247 C 300 D 295	B 426, 412 C 410 [D 410][4]	C 470 D 470	C 490 D 490
Seleem III. 1203—1222.	B 2	B 5	B 26	B 52, 47		B 95 C 97		A "ateek" 190 B 190, 195 C 203 E(Buonaparte) 194, 192	B 390 C 410	[A "ateek" 380[5]] B 440 C 470	A "ateek" 470 B 500, 490, 495 C 490
Muṣṭafá IV. 1222—1223.		B 6 (2½ para?)	B 23	B 50				B 197	B 300		

[1] This ought probably to be referred to Seleem III.; but it is just possible that the Yigirmilik may have fallen to 97 in the preceding reign.
[2] Probably a mistake for "old and new ghuroosh."
[3] This must be a zolota, though D calls it a ghuroosh.
[4] D calls this an Ikilik, by mistake.
[5] Surely an Altmishlik.

Accepting M. Belin's statement that the first ghuroosh, that of Suleymán II., weighed 6 drachms, or say 300 grains, the British Museum coins correspond very well for the first three reigns: ghuroosh, 294, zolota, 223, under Suleymán II.; ghuroosh, 300, yigirmilik, 146, under Aḥmad II.; and ghuroosh, 300 or 310, yigirmilik, 150 or 155, and perhaps onbeshlik, 94, under Muṣṭafa II. But the first really conclusive series is that of Aḥmad III., of whom the B.M. collection has pieces of 2—4, 10, 52, 100, 150, 204, 300, and 415 grains, which may undoubtedly be labelled akcheh (3), para (10), beshlik (50), onlik (100), onbeshlik (150), yigirmilik (200), zolota (300), and ghuroosh (400). Here the difficulty arises: why was the ghuroosh suddenly raised from 300 to 400 grains? Or are the previous coins of 294, 300 and 310 grains zolotas, and not ghuroosh at all? In the face of M. Belin's definite statement as to the weight of the first ghuroosh, and considering the absence of any heavier coin than those of about 300 grains, we may dismiss the latter question. How the coin came suddenly to be raised from 300 to 400 may perhaps be explained by the fact that the British Museum possesses two dollars counter-struck with the inscriptions of Muṣṭafa II., the one an Imperial dollar, weighing 300 grains, the other a Dutch dollar, weighing 415 grains. I believe the explanation of the change in the weight of the ghuroosh is simply that the Dutch dollar was taken as the model, in the place of the Imperial dollar. It was precisely at the same period that the 40 grain zer mahboob gold piece was first issued side by side with the 53 grain funduklee. It may be observed that the proportion between the mahbúb (40) and the funduklee ($53\frac{1}{3}$) is precisely the same as that between the Imperial (300) and the Dutch (400) dollar, or the zolota (30) and the ghuroosh (40). I believe, therefore, that just when the lower mahbúb standard was added to the gold currency, the lower (Imperial dollar) standard was classed as a zolota, and the higher (Dutch dollar) standard introduced for the ghuroosh. Against this

view, however, which is based upon the coins themselves must be set the statement of M. Belin, based upon histories and official documents, that under Aḥmad III., in 1131, new zolotas were issued at 8 drachms 1 dánik (or 390 grains): the old zolotas being at the same period stated to weigh $\frac{1}{16}$th of 98 drachms (or 290 grains). It will be noticed that these figures, 290 and 390 grains, correspond pretty accurately with the 293 and 389 of the British Museum specimens; but I am not disposed therefore to allow that these specimens are accordingly an old zolota and a new zolota respectively. If the old zolota weighed nearly 300 grains, the British Museum does not possess a ghuroosh until Aḥmad III.'s time—which, considering the richness of the collection, is improbable; and further, on this theory, M. Belin's other statement that the original ghuroosh weighed 285 grains is incorrect. The simple explanation, I think, is to regard M. Belin's "old and new zolotas" as errors for "old and new ghuroosh," which at once brings this statement into accord with the rest of the data.

Accepting, then, the hypothesis that in the reign of Aḥmad III. the ghuroosh was raised from 300 to 400 grains, just as two gold coins in the same proportion were at the same time issued, it must be seen how the theory works in subsequent reigns. Under Maḥmood I. we find the following scale:—Akcheh 3 grains, para 10, beshlik 49, onlik 97, yigirmilik 186, zolota 289, ghuroosh 371, which are all in very fairly accurate proportion, but all a little reduced, the ghuroosh apparently falling gradually to 362 grains. Under 'Othmán III. the same proportions are preserved, but the weights continue to fall, and under Muṣṭafa III., half a century after the increased standard in silver was introduced, the ghuroosh has returned to its old weight of 300 grains, and even less, and the scale becomes 3, 8, 37, 70, 103, 148, 228, 306, and a very similar scale is maintained during the reign of 'Abd-el-Ḥameed I. A fresh reduction took place under Seleem III. (1203); the para

fell to 5, and the ghuroosh to 200 (or 190), and the beshlik, onlik, and yighirmilik were proportionately reduced to 5, 26, 52, and 95, and this remained true for Muṣṭafa IV.

The silver coinage of Maḥmood II. comprises several different standards, and very varying degrees of purity. The coinage may be divided into two series, the first comprising the *beshlik*, or 5 piastre piece, the *yuzlik* (100 paras), or 2½ piastre piece, the *piastre* (40 paras), *yigirmi-paralik* (20 paras), *on-paralik* (10 paras), *besh-paralik* (5 paras), and *para;* whilst the second consists of the *altilik*, or 6 piastre piece, the *uchlik*, or 3 piastre piece, the *altmishlik* (60 paras), or *double solota*, equal to a piastre and a half. It will be noticed that the names of the coins have undergone an alteration, like their relations and weights. The original *beshlik* of 1225 (1810) had a weight of 410 grains, or, as Belin remarks, the same as the weight of the old ikilik. The yuzlik of the same period was of 190 grains, the piastre or ghuroosh 96 grains, and so on. Several different varieties of this or a nearly similar standard were issued, and then in 1245 (1829) a new beshlik of about 250 grains, with yuzlik at 117 grains, piastre at 50 grains, yigirmi-paralik at 24 grains, &c. At the same time the *altilik* was coined with the weight of 190 grains, or only four-fifths of the beshlik, though it was nominally worth 6 piastres to the latter's 5. The utchlik (3 piastres) was issued at 93, or a little less than twice the piastre, and the altmishlik, or 60 para piece, at 41 grains, or less than the piastre of 40 paras. The explanation of this apparent inconsistency is found in the fact that while the altilik series contained about 80 per cent. of silver, the beshlik series contained barely 50 per cent. In the present day, the surviving examples of these coins are exchanged at 5 piastres for the altilik and only 2½ piastres for the beshlik. These details, and the classification of the new (1829) issue, I owe to Dr. Dickson, who has also supplied missing links in the series contained in the National Collection by pre-

senting examples collected by himself in Constantinople. The following extract from Baron de Testa's *Récueil des Traités de la Porte Ottomane* completes the foregoing account of Maḥmood II.'s varying coinage :—

Bechlik de 1810. [A.H. 1225; year of reign 3.]

Valeur intrinsèque: en piastres Médjidié, 18 piastres et 8 paras, tandis qu'elle aurait dû être de 26½ piastres.

Poids égal à l'ancien ikilik (pièce de 2 piastres).

(*Note.*)—Belin, l. l., n'indique point la valeur émise de ce bechlik (dit djihadié, monnaie de guerre), et nous n'avons pu nous procurer nous-même, à ce sujet, que des renseignements vagues et n'ayant aucun caractère officiel.

Bechlik de 1829. [A.H. 1245; year of reign 23.]

Titre: 0,220 à 0,225 millièmes.

Valeur intrinsèque: 130 para argent, 1 para cuivre; surélévation, 69.

Valeur émise: 74,750,000 piastres.

Bechlik de 1832. [A.H. 1248; year of reign 26.]

itre: 0,170 à 0,175 millièmes.

Valeur intrinsèque: 101 para argent; 2 para cuivre; surélévation, 97.

Valeur émise: 123,725,000 piastres.

Altylik de 1833—1839. [A.H. 1249—54; year of reign 27—32.]

Titre: 0,435 à 0,440 millièmes.

Valeur intrinsèque: 205½ para argent; 1 para cuivre; surélévation, 33½.

Valeur émise; 117,970,160 piastres.

From the time of Muṣṭafa III. (1171—87) those large silver pieces, multiples of the zolota and ghuroosh, which always nominally existed in the reformed Turkish coinage, but I suspect were seldom coined in any large numbers, begin to appear in the British Museum cabinet. The most ordinary examples are the *altmishlik*, or double zolota, of 60 paras, equal to a ghuroosh and a half; and the *ikilik* or double ghuroosh. The weights of these, according to the authorities, and also according to the coins which I believe to correspond to these denominations, are given in the table, and offer little difficulty. The *yuzlik*, or 100-para piece, only occurs, in the British Museum, in the coinage of Seleem III., and I am inclined to believe that

the weight given by Bonneville for the same piece under 'Abd-el-Ḥameed I. is a mistake.

Under 'Abd-El-Mejeed, on the 11th Moḥarram 1260 (Febr. 1844), an entirely new coinage, called the Mejeedeeyeh currency, imitated from European models, was issued. It consisted of the following pieces :—

5 GOLD.

	Value in Piastres.	Names. Lira.	Weight. Grammes.	Grains.	Diameter. Inch.	Title. 916·6/1000
1.	500	5 *	36·082	558½	1·4	
2.	250	2½	18·041	278½	1·0	..
3.	100	1 †	7·216	111½	·85	..
4.	50	½	3·608	55½	7	..
5.	25	¼	1·804	27¾	6	..

6 SILVER.

	Value in Piastres.	Names.	Weight. Grammes.	Grains.	Diameter. Inch.	Title. 830/1000
1.	20	Silver Mejeedeeyeh	24·055	375?	1·5	
2.	10	Onlik (or Yarem Mejeedeeyeh)	12·027	185	1·0	..
3.	5	Cheirek	6·013	93	·95	..
4.	2	Ikilik	2·405	38	·75	..
5.	1	Ghuroosh	1·202	19	·6	..
6.	½ (20 para)	Yigirmi-paralik	0·601	9½	·5	..

5 COPPER.

Of 40, 20, 10, 5, and 1 para, called respectively the Ghuroosh-paralik, Yigirmi-paralik, On-paralik, Besh-paralik, and para.

The *tolerance* in gold was $\frac{2}{1000}$ above and below. The intrinsic value of the 100 piastre piece, or lira, was 6·614 pure gold, and 0·602 copper; and the value of the first issue was 1,202,397,600 piastres.

* Or Dubloon.

† Or Turkish pound.

The *tolerance* in silver was $\frac{3}{1000}$ above and below. The intrinsic value of the 20 piastre piece, or Mejeedeeyeh (Medjidieh) was 19·945 silver and 4·110 copper: value of issue, 414,371,775 piastres.

The 40 and 20 para copper coins contained 95 per cent. of copper, 3 of tin, 2 of zinc and lead. The 20 para piece weighed 16·36 grammes (253 grs.), but has fallen to 10·693 (165 grs.): value of issue, 17,253,000 piastres.*

'Abd-El-'Azeez followed his brother's example, and issued his coinage in accordance with the figures above quoted. Murád V. coined only the pound or lira, and 'Abd-El-Ḥameed II. has so far issued only gold and silver.

The silver, copper, and bronze, piastres had originally the same value; but the Turkish Government has reduced all the silver coinage of Maḥmood II.'s reign to half its current value, and declared the silver Mejeedeeyeh to be worth only 19 (instead of 20) ghuroosh.

The relative values of the different Turkish coins have, however, always been in a fluctuating state. A history of these changes would be out of place here, but the following notes from Jevád Bey's chapter on the currency in the first volume of his excellent *Ta-reekh-i-'askaree-i-'Othmanee*,† which are also mainly stated by M. Belin, may be found useful:—

Seleem I.—Seleem II. Ḳará-ghuroosh = 40 aḳchehs; Sulṭánee = 50 aḳchehs; Hungarian gold pieces = 60 aḳchehs, or 2 florins, 15 kreutzers. Aḳcheh = rather more than 2 kreutzers.

Murád III. 800 and 1000 *a* (instead of 400) made

* These statistics I owe to the kindness of Dr. E. Dickson and the obliging exertions of M. Hortolan, who extracted some of the materials from the *Récueil des Traités de la porte Ottomane avec les puissances étrangères*, by Baron J. de Testa.

† Mr. Gibb has kindly analyzed the chapter for me. There is a French translation by Georges Macrides.

from drachms of silver. Ghuroosh rose to 50 *a* and altoon to 120 *a*.

Moḥammad III. In 1006, the drachm of silver (which was = 5 *a* under Suleymán I. and = 12 *a* under Murád III.) was decreed to = 8 *a*: but without effect; the ghuroosh rose to 80 *a*. Then officers and functionaries were forbidden to use silver trappings and gold lace: but the rate still fell; the altoon rose to 160 *a*, and the ghuroosh to 110 *a*. The merchants were obliged to take silver by weight only. In 1009 a new issue of aḳchehs brought the altoon down to 120 and the ghuroosh to 80.

Ibráheem I. Altoon = 250 *a*; ghuroosh = 125 *a*: reduced to 160 and 80, by the Grand Vezeer Kemán-Kesh Ḳará Muṣṭafá Pasha.

Moḥammad IV. Base ghurooshes struck in Bosnia, Albania, and Belgrade, to pay the troops, = 118 *a*. In 1065, says Na'eemá, there was not an aḳcheh in the treasury to pay the army; the ghuroosh (Austrian) was at 80 *a*, the asadee (Dutch) ghuroosh at 70. The money-changers would only accept aḳchehs at their intrinsic value by weight; and good money had to be given by the Government for the clipped aḳchehs which had suffered from Jewish shears, and were known as "Gipsy-Aḳchehs" (Chingáne Aḳchasi), or "Tavern-Aḳchehs;" and with this base coin the army was paid, with the well-known result of the "Riot of the Aghas."

Suleymán II. In great stress for warlike expenses, it was decided to coin 800 mánghirs out of an oke of copper, and call two mánghirs equal to one aḳcheh, and soon the mánghir was declared to be equal to the aḳcheh. Mánghirs were struck throughout Bosnia and Albania; so that copper pieces became very common, and gold and silver coins very rare. In 1102 the ghuroosh was reckoned at 120 aḳchehs, and went for 160; the altoon at 270 for 360; the para = 4 aḳcheh, and the aḳcheh = the mánghir. The Constantinople altoons were exported, and the "light and debased"

Egyptian, Tunisian, and Algerine pieces supplied their place. (As a matter of fact, the Egyptian and Barbary pieces were neither light nor debased.)

Muṣṭafa II. Ṭughrálee altoon introduced (= 300 aḳchehs)* to restore the coinage, and old altoons bought up at 100 new altoons per 110 drachms of gold. Mints were at the same time established at Smyrna and Adrianople for the issue of the new coin. Ṭughrálee zolotas were also struck (and the old bought up) at Constantinople, Smyrna, Adrianople, and Erzeroom.

Aḥmad III. Tariff promulgated in 1138:—The new altoon = 400 aḳchehs; Miṣr Zinjirleesee (cordonné) = 330; the Miṣr Ṭughráleesee = 315; the new (Ṭughrá) ghuroosh = 120; yigirmilik = 60; onlik = 30; while 100 of the *new* aḳchehs were to go to the new ghuroosh. Foreign coins were to be valued:—Yildiz altoon (Venetian ducat) = 378 aḳchehs; Austrian (Hungarian) altoon = 360; the 'ateeḳ asadee ghuroosh (old rix-daler) of 8½ drachms = 144; the Soliya riyal = 186; the Ḳará-ghuroosh of 9 drachms = 181; the old zolota = 88; etc. In the countries taken from Persia the money was to be struck with the Sulṭán's name in Ṭughrá and called Sulṭánee, with the weight of the coins of the 'Abbásees; and the piece weighing 7 dániks should have the value of 16 paras, its half that of 8, and its quarter that of 4; and a new zingirleesee altoon (like the Constantinople one) should be struck of 24 carat pure gold, weight of $\frac{10}{100}$ drachm, and rate of 400 aḳchehs.

Maḥmood I. Base ghurooshes abolished and old paras withdrawn: new aḳchehs and ghurooshes "of exact standard" issued. Also, the zer mahboob with Ṭughrá was fixed at 110 paras, or 330 aḳchehs, the Miṣr zingirleesee at 110 paras, the Miṣr Ṭughráleesee at 105 paras, and the ghuroosh at 40 paras.

* The change does not appear on the coins until the succeeding reign.

Muṣṭafa III., 1185. Rate of zer mahboob raised to 120 paras, and the funduḳ altoon to 160 (from 150).

Abd-El-Ḥameed I. added alloy to his coins, to meet the expenses of the war with Austria and Russia; coining ikiliks (2 ghuroosh), 3 of which = 150 ghurooshes of to day. Before this, the Yildiz altoon had been at 5 ghuroosh 10 paras; the Hungarian and funduḳ altoons at 5 ghuroosh; zer mahboobs and Islámbóls at 3 ghuroosh 20 paras; and the riyál at 2 ghuroosh. The yildiz altoon acquired the value of 5 ikiliks on the issue of the new coins; and the others rose in proportion.

Seleem III. War continued, and base coins issued as before, including yuzliks.

Maḥmood II. Effort made to reform the coinage: a decree fixed the yildiz altoon at 10 ghuroosh; the Hungarian at 9 gh. 20 p.; the Funduḳ at 9 gh., quarter Funduḳ at 2¼ gh.; the Constantinople zer mahboob at 6½ gh., half z. m. 3 gh. 10 p.; Egyptian z. m. at 5¼ gh., half z. m. at 2 gh. 30 p.; and a decree in 1249 fixed the funduḳ altoonee, weighing a dirhem, at 23 ghuroosh. The following table summarizes some of the varieties in the aḳcheh.

A.H.			
900—935	Yildiz altoon	=	60 aḳchehs.
1003	...	=	120
1006	...	=	160
1050	...	=	350
1101	...	=	400

A few words are necessary on the provincial coinage.

In a footnote on p. xviii it has been shown that the mints of Syria and Mesopotamia issued coins of a heavier weight than the mints of Europe, during the period when the aḳcheh was the only silver coin struck at Constantinople. After the introduction of the New Coinage, these Asiatic mints continued to strike coins of a peculiar style and weight, many resembling those issued before the reform.

E.g. Suleymán II., Baghdád 43·5 grains; Aḥmad III., Tiflees, 82, Eriván 85, Kenjeh 82, Tebreez 79, 36, 82; Maḥmood I., Kenjeh, 42, Tiflees 84; 'Abd-El-Ḥameed I., Baghdád, 68, 33; etc. These are clearly of two classes, the one weighing from 68 to 85 grains, the other about half of this, or 33 to 43. I have termed these onliks and beshliks in the Catalogue, since they correspond fairly closely to the weights of these denominations in the Constantinople currency; but I have little doubt that the 40 grain piece was a survival of the old Seljookee dirhem, which weighed about 45 grains; and the 80 grain piece was a double dirhem. The people of Asia Minor apparently did not take kindly to the new system of the 'Othmánlees, but preferred to retain the old Mohammedan currency. Jevád Beg, it should be observed, mentions the dirhem of Ámid as something peculiar. The coinage of the Barbary States is also noteworthy: we find such weights as Tripoli 22 grs.; Tunis 88, 90, 77, 92, 18, 16, 15; etc.; which point to a different principle of coining from the Constantinopolitan: and the gold coinage is also somewhat anomalous in weight (*e.g.* Tunis 24, 20, 16; Algiers 27, 26, 13), but was probably only a corrupt and debased form of the ordinary currency, with which it often tallies accurately.

The coinage of the 'Othmánlee Sulṭáns is so uniform and unvarying in its inscriptions that very few coins call for special remark. Among these few, however, must certainly be included the curious Muwaḥḥid-like piece (no. 256) struck at Tilimsán in 988 (?) with the unique inscription صاحب العادل (؟) المستقيم السلطان مراد ابن السلطان سليم مالك البرين والبحرين والشأم والعراقين خلد الله ملكه, and the obscure sequin (no. 365) struck at (perhaps) Fez (miswritten فس ?) in 1056. Both these cities were outside the limits of the Turkish empire; but they could claim the Sulṭán's protection by inscribing his name on the coinage. No. 306, struck at Constantine in Algiers,

bears also a curious look, and does not resemble the ordinary Turkish issues; but it may have been struck in haste and confusion, for its date 1253 A.H. (1837) indicates the last few months of Turkish rule in Algiers. Constantine was taken by the French in 1837; it was defended by Aḥmad Bey on behalf of the Porte, and was the last place held by Turkey in Algiers. The small Hijáz gold coins struck by Suleymán I. also deserve notice, both for their trifling weight and the unusual character of their inscriptions (nos. 209—214).

Of coins of provincial governors (omitting the uncertain specimens of ابن عمر 102 *a*, and عمر ابن الياس 110), the only examples bearing names are those of the famous rebel 'Alee Bey of Egypt (pp. 204, 205); some copper pieces of Sa'eed Páshá of Baghdád (286), who, however, was not a rebel; and the issues of the last Bey of Tunis, Moḥammad, as vassal of the Porte (pp. 330 ff.). None of these offer any very special points of interest; though 'Alee Bey's silver coins are the first examples of the ghuroosh and yigirmilik in Egypt.

The coinage of Constantinople and other mints offers during the twelfth century of the Flight a variety of initial letters, placed generally over the word ابن in Formula B, on obv., or above ضرب or beside the date on the rev., which may be assumed to represent some official's name. The following table includes all these letters as observed in the National Collection. They do not begin until some few years after the New Coinage was established.

SULṬÁN.	MINT.	DATE. A.H.	LETTERS.
Aḥmad III.	Constantinople	1115	ص ,س ,را ,ر ,د ,ح ,ب ه ,عد ,ى ,ه ,ق ,ص
...	Islámból		مد ,(?) ص ,ق ,ر ,د
...	„	1123	ع
...	Tiflees	1115	ح
...	Kenjeh	„	م

SULṬÁN.	MINT.	DATE. A.H.	LETTERS.
Aḥmad III.	Tebreez	1115	ى
...	Egypt	„	صے
Maḥmood I.	Constantinople	1143	ق ,عب ,عا ,ع ,ص ,را
...	Islámból	„	م ,ه ,عب ,ع ,ص
...	Egypt	„	راعب ,(with را) د ,حـ
			ع ,س ,ص (with يا)
			ن ,م ,عبد (?)
'Othmán III.	Constantinople	1168	ص ,نا ,ح
...	Islámból	„	نا ـح
...	Egypt	„	ص ,س (with ع)

In the reign of the succeeding Sulṭán Muṣṭafá III. (1171) the letters disappear, and their places are thenceforward filled by cyphers indicating the year of the Sulṭán's reign; and the only coins with letters of this kind after 'Othmán III. are those of 'Alee Bey of Egypt, which carry عا; and some Egyptian coins of Seleem III.'s time, which bear اس, standing doubtless for Ismá'eel Bey, who was left as governor of Egypt by Ḥasan, the Capitan-Páshá, after the expedition against Ibráheem and Murád Beys, and who died of the great plague in Cairo in 1205 (1791). In a similar manner, M. Bernard tells us that Napoléon Bonaparte marked the coins he struck while in possession of Egypt with the letter ب; but I have not met with numismatic proof of this. The instances of 'Alee and Ismá'eel Beys would seem to show that these letters on Turkish coins from Aḥmad III. to 'Othmán III. represent the names of governors, grandvezeers, or mintmasters. The fact that so many different letters occur on coins of the same date does not militate against this theory, for that date is merely the year of accession of the Sulṭán, the only chronological attribution supplied on the majority of 'Othmánlee coins from Bayazeed II. to 'Othmán III., until (as has been mentioned), the year of the reign was added in the time of Muṣṭafá III. The coins, *e.g.* of Aḥmad III., bear

the year of accession 1115, but may have been struck any time between then and the end of his reign, in 1143. The initials on the coins, however, do not coincide with the names of any of the high officials given in Von Hammer's lists, and unfortunately the list of the officials termed "*Sarabchane Emini*, der Intendent der kaiserlichen Münze, auch *Sidschije Emini* genannt"* cannot be obtained. There is little doubt, I think, that if we possessed the list of these mint-superintendants we should find the explanation of the initials on the coins.

The Medals which conclude the volume are chiefly decorations for well-known campaigns; but the pieces struck to commemorate the New Coinage, the Restoration of St. Sophia, and the revised monetary standard are rare and curious.

In conclusion, I am glad to take this opportunity of thanking Dr. E. Dickson, of the British Embassy, Constantinople, for the great trouble he has so kindly taken in clearing up difficulties involved in the present work. To Mr. E. J. W. Gibb, of Lochwood, Lanarkshire, I am deeply indebted for a variety of important information derived from original Turkish authorities, as also for the table of the growth of the Ottoman Empire. M. H. Sauvaire, M. Tiesenhausen, Dr. J. G. Stickel, Mr. Redhouse, Mr. Grueber, Mr. Keary, Subhi Pasha, Ahmad Vefik Pasha, Rogers Bey, and M. Hortolan have also given me their valuable assistance on various matters connected with this work.

STANLEY LANE-POOLE.

May 15, 1883.

* Von Hammer: Gesch. des osm. Reiches, ix. 33.

GENEALOGICAL TREE OF THE 'OTHMÁNLEE SULṬÁNS.

Centuries A.D.

1300.

1. 'Othmán I., A.H. 699
2. Urkhán, 726
3. Murád I., 761
4. Báyezeed I., 792

1400.

Prince Suleymán, 806. — 5. Moḥammad I., 805 — Prince Moosá, 813

6. Murád II., 824
7. Moḥammad II., 855
8. Báyezeed II., 886

1500.

9. Seleem I., 918
10. Suleymán I., 926
11. Seleem II., 974
12. Murád III., 982
13. Moḥammad III., 1003

1600.

14. Aḥmad I., 1012 — 15. Muṣṭafá I., 1026. (2) 1031.

16. 'Othmán II., 1027. — 17. Murád IV., 1032. — 18. Ibráheem 1049

19. Moḥammad IV., 1058 — 20. Suleymán II., 1099. — 21. Aḥmad II. 1102.

1700.

22. Muṣṭafá II., 1106 — 23. Aḥmad III., 1115

24. Maḥmood I., 1143. — 25. 'Othmán III., 1168.

26. Muṣṭafá III., 1171 — 27. 'Abd-El-Ḥameed I., 1187

1800.

28. Seleem III., 1203.

29. Muṣṭafá IV., 1222. — 30. Maḥmood II., 1223

31. 'Abd-El-Mejeed, 1255. — 32. 'Abd-El-'Azeez, 1277

1883.

33. Murád V., 1293. — 34. 'Abd-El-Ḥameed II. (regnant), 1293.

FORMULAS OF FREQUENT OCCURRENCE IN THE 'OTHMÁNLEE COINAGE.

Formula A.

ضارب النضر صاحب العز والنصر فى البر والبحر

"Striker of the glittering (coin), Lord of Might and Victory by land and sea."

Formula B.

سلطان البرين وخاقان البحرين السلطان بن السلطان

"Sulṭán of the Two Continents [Europe and Asia Minor], Khaḳán of the Two Seas [Ægean and Euxine]; Sulṭán, son of the Sulṭán."

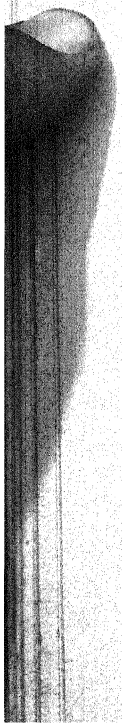
TABLE

OF THE

METHOD OF TRANSLITERATION ADOPTED IN THIS CATALOGUE.

أ	*a, e*	ظ	*ẓh*
ب	*b*	ع	*ʿa*
پ	*p*	غ	*gh*
ت	*t*	ف	*f*
ث	*th*	ق	*ḳ*
ج	*j*	ك	*k*
چ	*ch*	گ	*g*
ح	*ḥ*	ل	*l*
خ	*kh*	م	*m*
د	*d*	ن	*n*
ذ	*dh*	ه	*h*
ر	*r*	و	*w, v*
ز	*z*	ى	*y*
س	*s*	ـَ *a, e*	ـَا *á*
ش	*sh*	ـِ *i*	ـِى *ee*
ص	*ṣ*	ـُ *u,*	ـُو *oo*
ض	*ḍ*	ـَى *ay, ey*	ـَو *aw, ó*
ط	*ṭ*		

*** It may be useful to give the ordinary European spelling of some of the names of the Sulṭáns of Turkey: *e. g.* Bajazet = Báyezeed, Amurath = Murád, Selim = Seleem, Soliman = Suleymán, Mehemet = Moḥammad, Osman = 'Othmán, Achmet = Aḥmad, 'Abdul Medjid = 'Abd-el-Mejeed.



CONTENTS.

PAGE

Editor's Preface v

Introduction vii

The Ameers of Asia Minor vii

Dynastic table *face* ix

The 'Othmánlee Sulṭáns x

General character of the coinage . . x

Early coinage, titles, ... x

Ṭughrá xi

Mints xii

Table of growth of 'Othmánlée Empire, *face* xvi

Weights and denominations . . . xvi

Early weights, &c. xvii

Gold currency xviii

Two standards xviii

Formulas A and B, and Ṭughrá . . . xix

Divisions and Multiples of coins . xx, xxi

Maḥmood II.'s gold currency . . . xxi

Silver currency xxii

Introduction of the ghuroosh . . . xxiv

Divisions and multiples of the ghuroosh . xxv

Table of 'Othmánlee Silver coinage . . xxvii

Reduction of the weight xxviii

Maḥmood II.'s currency xxx

Modern coinage xxxii

Fluctuations in exchange xxxiii

Provincial weights xxxvi

Peculiar and problematic pieces . . xxxvii

Coins of Governors xxxviii

Initial letters xxxviii

Medals xl

Genealogical Tree of 'Othmánlee Sulṭáns . xli

Formulas and Transliteration . . xlii, xliii

PAGE

Ḳara-Kuyunli, or Turkomans of the Black Sheep. . 1
Ḳará Yoosuf 2
Iskendar 3
Jehán Sháh 4
Rebellion of Pir Budáḳ Khán and Sháh Yoosuf Noyán 7
Ḥasan 'Alee 10

Áḳ-Kuyunli, or Turkomans of the White Sheep . . 11
Uzun Ḥasan 12
Yaạkoob 13
Rustem 14
Murád 16
Ḳásim 17

Ameers of Asia Minor 19
Ameers of Ḳaramán 20
'Alá-ed-deen 21
Moḥammad 24
Ibráheem 24
Vassal of Ḳaramán 26
Ameers of Aydeen 27
Anonymous 28
'Eesá 29
Ameers of Ṣároo Khán 30
Isḥáḳ 31
'Omar 31
Juneyd 32
Ameers of Menteshá 33
Ilyás 33
Leyth 34
Moḥammad Arteen 35
Isḥáḳ Páshá 36

'Othmánlee Sulṭáns 37
Urkhán 41
Murád I. 44
Báyezeed I. 46
[Prince Suleymán 48]

PAGE

Moḥammad I. 49
Murád II. 52
Moḥammad II. 56
Báyezeed II. 62
Seleem I. 66
Suleymán I. 71
Seleem II. 86
Murád III. 90
Moḥammad III. 98
Aḥmad I. 106
Muṣṭafá I. (1st reign) 115
'Othmán II. 116
Muṣṭafá I. (2nd reign) 119
Murád IV. 122
Ibráheem 128
Moḥammad IV. 134
The New Coinage 143
Suleymán II. 144
Aḥmad II. 149
Muṣṭafá II. 151
Aḥmad III. 157
Maḥmood I. 171
'Othmán III. 187
Muṣṭafá III. 191
[Issue of 'Alee Bey of Egypt . . 204]
'Abd-El-Ḥameed I. 212
Seleem III. 230
Muṣṭafá IV. 249
Maḥmood II. 253
[Sa'eed Páshá of Baghdád . . . 289]
'Abd-El-Mejeed 310
[Moḥammad Bey of Tunis . . . 330]
'Abd-El-'Azeez 335
[Moḥammad eṣ-Ṣádiḳ Bey of Tunis . 342]
Murád V. 345
'Abd-El-Ḥameed II. 347

PAGE

Medals:— 349

Naval and Military:—

Egyptian Expedition, 1801 350
Syrian Campaign, 1832 351
To Russian Troops, 1833 351
Syrian Campaign, 1840 353
Kurdistán Campaign, 1847 355
General Service, 1854 355
Crimean War, 1855 356
Defence of Kars, 1855 356
Campaign in Montenegro, 1862 . . . 357

Miscellaneous:—

New Coinage, 1754 357
Reformed Monetary Standard, 1839 . 358
Restoration of St. Sophia, 1849 . . . 358

INDEXES:— 359

I. Years 359
II. Mints 381
III. Names 404
IV. Denominations 419
V. Ornaments, &c. 425
VI. Miscellaneous. 427

Table for converting English inches into millimètres and into the measures of Mionnet's scale . . . 429

Table of the relative weights of English grains and French grammes 430

CONTENTS OF THE PLATES.

PLATE I.

Coins of the Ḳara- and Aḳ-Kuyunli Turkomans.

PLATE II.

Coins of the Ameers of Asia Minor.

PLATE III.

Coins of the 'Othmánlee Turks.

Urkhán—Suleymán I. A.H. 726—926.

PLATE IV.

Suleymán I.—Moḥammad III., 926—1012.

PLATE V.

Aḥmad I.—Moḥammad IV., 1012—1099.

PLATE VI.

New Coinage: Suleymán II.—Muṣṭafá II., 1099—1115. (nos. 395, 418, 419, are the new Piastres; 409 a Yigirmilik).

PLATE VII.

Constantinopolitan Coinage of Aḥmad III. 1115—1143. (Silver: 441 Piastre, 443 Zolota, 447 Yigirmilik, 449 Onbeshlik, 451 Onlik, 455 Beshlik, 457, 478, Paras, 463 Aḳcheh. Gold: 473 Sequin F., 474 Quarter-Sequin F., 475 Sequin Z.M., 476 Half-Sequin Z.M.

PLATE VIII.

Miscellaneous Coinage, Aḥmad III.—'Abd-el-Ḥameed I., 1115—1203.

Plate IX.

Constantinopolitan Coinage of Maḥmood II. 1223—1255. (Gold: nos. 860, 867, Double Sequins Z.M., 837 Sequin Z.M., 875, 900, 913, Sequins 'Adlee, 847, 911, 930, Quarter-Sequins. Silver: 944, 949 On-paralik, 948, 959 Yigirimi-paralik, 956 new piastre).

Plate X.

Mejeedeeyeh Coinage, 1260—1277. (*Constantinople*: Gold: no. 1054 Lira of 100 Piastres. Silver: 1057 Mejeedeeyeh of 20 Piastres. Copper: no. 1071, 40 Paras, 1100, Para. *Egypt* (Cairo): Gold: no. 1106, Lira of 100 Piastres, 1109, 5 Piastres. *Tunis*: Gold: no. 1135, 40 Piastres.

'Abd-El-'Azeez, 1277—1293. Gold: no. 1154 Half-Lira of 50 Piastres. Silver: 1158, 5 Piastres.

Murád V., 1293. Silver: 1195, Piastre.

'Abd-El-Ḥameed II., regnant. Gold: 1199, Quarter-Lira of 25 Piastres.

Plate XI.

Turkish War Medals.

		A.D.
III.	Egyptian Expedition	1801
V.	Syrian Campaign	1832
VIII.	Russian Troops	1833
IXA.	Siege of Acre	1840
XI.	Kurdistán Campaign	1847
XIII.	General Service	1854
XIV.	Crimean War	1855

Plate XII.

Turkish War Medals and Miscellaneous Medals.

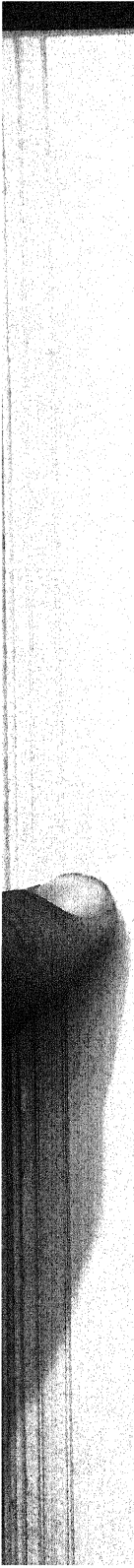
XV.	Defence of Kars	1855
XVI.	Montenegrin Campaign	1862
XVII.	New Coinage	1754
XVIII.	Reformed Monetary Standard . .	1839
XIX.	Restoration of St. Sophia	1849

ERRATA.

Introduction, p. xxiii., *for* "Murad V. coined only the pound or lira," *read* "Murád V. coined the pound or lira, and silver pieces."

P. xl. *add*, To Mr. Reade, Her Majesty's Agent and Consul-General at Tunis, and to Mr. H. J. Johnson, I am indebted for much information concerning the currency of the Beys during the present century.

PAGE.	NO.				
36	64	*add*	Pl. I.		
36	65	„	Pl. I.		
122	330	*for*	Wt. ·7	*read*	Wt. 7.
123	334	„	Wt. ·46	„	Wt. 46.
124	335	„	Wt. ·5	„	Wt. 5.
128	348	„	Wt. ·16	„	Wt. 16.
128	349	„	Wt. ·22	„	Wt. 22.
129	353	*add*	Æ.		
178	541	*dele*	Pl. VIII.		
225	737	„	of reign.		
309	1045	*for*	Æ	*read*	Æ.
317	1070	„	Wt. ·9	„	Wt. 9.



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KARA-KUYUNLI,

OR

TURKUMANS of the BLACK SHEEP.

		A.H.	A.D.
I.	Ḳara Moḥammad	c. 780	1378
II.	Ḳará-Yoosuf	c. 790	1388
	Deposed by Timur . . .	802	1400
	Restored	810	1407
III.	Iskendar	823	1420
IV.	Jehán Sháh	841	1437
V.	Ḥasan 'Alee	872	1467
		to 874	1469

II.—ḲARÁ YOOSUF.

SILVER.

1

Baghdád, year [81]4

Obv.

[ابوبكر]
الله
[لا اله الا]
[علي] محمد [ولي]
رسول الله
[illegible]

Rev. Area, within square,

الهوا الاعظم
ضرب
جمال الدين يوسف
بغداد
[خ]لد الله ملكه

Margin, in segments between square and outer circle,

. | | اربع |

Pl. I. Æ ·6, Wt. 38·0

2

Similar:

only مائة legible in rev. margin.

Æ ·5

3

Similar: mint obliterated.

Only سنة legible in rev. margin.

Æ ·55

III.—ISKENDAR.

SILVER.

4

Mint obscure, no year.

Obv. لا اله . . . لله محمد رسول الله arranged round arabesque, outside, ابو بكر عمر على

Rev. within hexagon, السلطان العادل

ابو النصر اسكندر

خلد الله ملكه

ضرب قسطنطنيه

Pl. I. Æ 1·05, Wt. 66·0

5

Similar:

mint obscure.

(Pierced.)

Æ 1·15

6

Deyr (?), no year.

Obv. عمر
لا الـــه الا الله
ضرب
محـــمـــد
دبر
رسـول الـــله
. . .

Rev. Similar to (4): but no mint.

R. '85, Wt. 75·2

IV.—JEHÁN SHÁH.

SILVER.

7

Tebreez, year 863.

Obv., within square, ضرب
تبريز

Around, within outer square, in square Koofee,
لا اله لا (*sic*) الله محمد رسول الله

Outside which, . . . | | . . . | ابو بكر

Rev., within wavy border,
سلطا[ن]
[ا]لغازى جهانشاه . . .
ملكه وسلطـــانه
٨٦٣

R. '85, Wt. 75·2

8

Káshán, year 86x.

Obv., within square, ن
شا
کا

Around, inscr. similar to (7).

Outside, ... ذی [عشا[ن | ... الفاروق |

Rev. ...
سلطان الغازی
[ا]لمظفر جهانشاه
خلد ملکه وسلطانه
٨٦x

Pl. I. AR. 7

9

Baghdád, year obliterated.

Obv., within square, ضرب
بغد
اد

Around, as on (7), blundered.

Outside, Khaleefehs' names obliterated.

Rev. السلط[ان]
العادل جهان[شاه]
خلد الله
ملکه وسلطانه

AR. 65

10

Láhiján, year obliterated.

Obv. Area, within square,

لا اله الا لله (*sic*)
محمد ل الله
رسو

Margin, in segments between square and outer circle,

ابو بكر | عمر | عثمان | على

Rev. السلطان الاعظم
جهان شاه بهادر
خلد الله ملكه وسلطا]نه

In centre, within scroll, لاهجان

Æ ·7, Wt. 79·0

REBELLION OF
PIR BUDÁḲ KHÁN
AND
SHÁH YOOSUF NOYÁN.

A.H. 866—871=A.D. 1462—1467.

SILVER.

LARGE TYPE.

11

Bárán (?), year obliterated.

Obv.

لا اله الا
ضرب
الله محمد
بارلن
رسول الله

Rev., within hexagon,

السلطان العالم
[پير]بوداق خان
شاه يوسف نويان

(Pierced.)

Pl. I. Æ 1·15, Wt. 56·9

12

Same.

(Pierced.)

Æ ·95

13

Mint and date obliterated.

Obv., within looped square, الله
لا اله الا
محمد
رسول الله

In loops, ابو بكر | عمر | عثمان | علی

Rev.
بوطاق خان
امیر یوسف
بهادر نویان . . .
خلد ملكه ضر.
. . . .

(Ringed.)

Æ 1·0, Wt. 90·5

SMALL TYPE.

(A.)

14

Hamadhán (?), year 867.

Obv., similar to (13), but without Khaleefehs' names.

Rev. سلطان پیر
بوطاق خان
امیر شاه یوسف
نویان اید (؟)
ضرب همذان (*sic.*)
٨٦٧

Pl. I. Æ ·75, Wt. 19·4

15

Similar: mint obliterated.

Æ ·75

16

Shamákhy (?), year 886 (?).

Similar:

Counter-stamped, (reversed?) خی شما AFP on obv.

Æ ·7

17

Similar:

but بهادر instead of شاه, and ايد ملكه

Æ ·75, Wt. 18·7

18, 19

Similar to (17), but mint (18) obscure and (19) obliterated.

Æ ·75
Æ ·7

(B.)

20, 21

No mint or date.

Similar to (14).

Rev. within border,

طا (*sic*) پير
خـــان شـــاه
بـــوطـــاق
امير يـوسف

Æ ·65, Wt. 8·2
Æ ·65

22, 23

Similar:

partly obliterated and barbarous.

Æ ·5
Æ ·55

(C.)

24

Jezeereh, year obliterated.

Obv. Similar to (13), but without looped square ;
traces of Khaleefehs' names.

Rev. Area, within square,

السلطان الاعظم

ضرب

بوداق خان امير يوسف

جزيرة

نويان خلد ملكه

Margin, between square and outer circle, obliterated.

Pl. I. Æ ·5, Wt. 37·4

25

Similar ;

omitting امير.

Æ ·5

V.—ḤASAN 'ALEE.

SILVER.

26

Mint obscure, year obliterated.

Similar to (1) :

but last lines of rev. area,

جلال الدين حسن

كعب

. :

. . . .

Margin obliterated.

(Pl. I.) Æ ·5, Wt. 25·6

ÁḲ-KUYUNLI,

OR

TURKUMANS of the WHITE SHEEP.

		A.H.	A.D.
I.	Ḳara Yooluḳ 'Othman	780	1378
II.	Hamzeh	809	1406
III.	Jehángeer	848	1444
IV.	Uzun Ḥasan	871	1466
V.	Khaleel	883	1478
VI.	Yaạkoob	884	1479
VII.	Baysunḳur *	896	1490
VIII.	Rustem	897	1491
IX.	Aḥmad	902	1496
X.	Murád	903	1497
XI.	Elwend	905	1499
XII.	Moḥammad	906	1500
	Murád (restored)	907	1501
	Conquest by Sháh Ismá'eel,	908	1502

* Meseeḥ and 'Alee disputed the throne with Baysunḳur in 896. According to the Sharaf-Námeh (tr. Charmoy) Baysunḳur died in 898, and Elwend in 904.

IV.—UZUN ḤASAN.

SILVER.

27

Tebreez, year obliterated.

Obv., within square, ضرب
بلدة
تبريز

Around, in Koofee, لا اله الا الله محمد رسول الله

Rev. عظم
السلطان الا
بو نصر امير حسن[1]

Pl. I. AR ·65, Wt 78·7

VI.—YAAḲOOB.

SILVER.

28

Mint obliterated, year 891.

Obv. Area, within square,

فمن يعمل
مثقال ذر
ة خيرا يره

(Ḳur. xcix. 7.)

Margin, in segments between square and outer circle,

سنة ٨٩١ فى | | | ... اله ..

Rev. Area, within quatrefoil,

السلطان
العادل امير يعقوب خان
ضرب
.....

Margin, traces of Khaleefehs' names.

Pl. I. Æ 6, Wt. 78·8

29

Similar:

Obv. margin, legible, [لا اله الا] | الله محمد |
رسول الله | سنة ٨٩١ . .

Æ 7

30

Similar:

Year 8xx (سنة ٨xx فى)

طان[سلـ] in place of ضرب

Æ. 7

[See no. 38.]

31

Sheeráz, year 896.

Coin of Aḥmad, of House of Timur.

Counter-struck with عدل
سلطان
يعقوب
شيراز
٨٩٦

Pl. I. Æ. 85, Wt. 78·5

VIII.—RUSTEM.

SILVER.

32

Ḳumm, year 899.

Coin of Yaaḳoob.

Counter-struck on rev., within oval,

عدل
سلطان
رستم خان
ضرب قسم
٨٩٩

Margin illegible.

Æ. 75, Wt. 77·9

33

Merághah, year 899.

Coin of Yaaḳoob, similar to (28),

but struck at Arzenján (ضرب ارزنجان), and date obliterated.

Counter-struck on obv., in lozenge, with

عد
رستم
٨٩٩
ضرب سنة
لسلطان
مراغة

Pt. I. Æ. 75

34

Mint obscure, year 9[01 or 2].

Coin of Yaaḳoob, similar to (28),

Counter-struck on obv., in octagonal form, with

عدل ضرب
رستم
بابری
سلطان
٩xx

Pt. I. Æ. 7

35

Coin of Ḳásim (?), nearly illegible.

Obv. as (28).

Rev. ... ظلم
... خلد
ملكه (؟)

Counter-struck, in circle, on rev., with

عدل
رستم
ضرب
سلطان
...

Æ. 7

36

Wán, no date.

Obv., within quatrefoil, عدل

وستر

ضرب

سلطان

وان

Rev. *Plain.*

Pl. I. *JR.* '65, Wt. 79·2

X.—MURÁD.

SILVER.

37

Mint and date obliterated.

Obv. Area, within square,

فمن يعمل

مثقال ذرة

خير (*sic*) يره

Margin, between square and outer circle,

اللهم | | |

Rev. السلطان العادل

.... لمظفر مراد شيخ بهاد[ر]

.....

Pl. I. *JR.* '65, Wt. 88·2

ḲÁSIM.*

SILVER.

38

Mint and date obliterated.

Obv. Area, within quatrefoil,

الله
الاله (*sic*) الا
محمد رسول
الله

Margin, obliterated.

Rev. . . سلط[ان]
[ال]اعظم الاكبر مير
قـــاســـم خـــان
المظفر تعالى ملكه
[خـــلـــد ال]لـــه
سنه[ة]
. . .

Æ ·7

39

Mint and date obliterated.

Obv. Area, within square, the same formula as (37), but arranged geometrically, and written in square Koofee.

Margin . . . | | عمر | ابو بكر

Rev. السلطان
. . . المظفر الاعظم
.
خلد الـــله ملكه

In centre, with border, قاسم

(Pierced.)

Pl. I. Æ ·8, Wt. 74·3

* A certain Kásim, uncle of Elwend, was ruling in Diyárbekr about the year 900. Von Hammer mentions his dethronement by Elwend in 910, probably a mistake for 906. No. 35 seems to show he struck coins before the death of Rustem in 902.

40

Obv. Similar to (38).

Rev. In centre, within eight-foil, قاسم

Around, السلطان الاعظم ابو . . . ظفر خلد [الله] ملكه

Æ ·5

41

Similar to (38):

but قاسم inclosed in square.

Æ ·75, Wt. 72·3

COPPER.

42

Obv., within square, قاسم

Around, illegible inscription.

Rev. illegible (Figure of animal).

Æ ·75

AMEERS

OF

ASIA MINOR.

'AMEERS of KARAMÁN.

		A.H.	A.D.
I.	Ḳaramán c.	620	1223
II.	Moḥammad I. ibn Ḳaraman . . . c.	643	1245
III.	Bedr-ed-deen Maḥmood	678	1279
IV.	Yakhshi	719	1319
V.	'Alá-ed-deen c.	750?	1349
	Conquered by Báyezíd I.	794	1392
	Dynasty restored by Timur.		
VI.	Moḥammad II.	805	1402
VII.	Ibráheem	829	1426
VIII.	Pir Aḥmad, Ḳásim, and Isḥáḳ . .	869	1464
	Final annexation.	877	1472

V.—'ALÁ-ED-DEEN.

SILVER.

43

Ákshehr (?), year 756.

Obv., within six-foil, ابوبكر

لا اله الا الله

محمد

رسول الله

عثمان

Rev., within oval, السلطان الاعدل (؟)

علا الدنيا والدين

خلد الله ملكه

Above, ضرب اقشهر (؟) سنة

Beneath, ستة وخمسين وسبعمائة

Pl. II. Æ ·85

44

Arzenján, year 762.

Obv., as (43), but within looped square, outside which Khaleefehs' names.

(عثمان inverted.)

Rev. السلطان الاعظم

علا الدنيا والدين

خلد الله ملكه

ضرب ارزنجان

سنة ٧٦٢

Æ ·75, Wt. 25·0

45

Arzenján, year 765.

Similar:

but date ٧٦٥,

and counter-struck on rev. with لله
within oval border of dots.

(Pierced.)

Pl. II. Æ ·8, Wt. 24·1

46

Arzenján, year [7]68:

Similar to (44):

but date [٧]٦٨

and the letters لله in خلد الله ملكه surrounded by oval
of dots similar to counter-mark on (45).

(Pierced.)

Æ ·8

47

Similar to (46).

(Pierced.)

Æ ·75

48

Mint and date obliterated.

Obv. Similar to (44), but barbarously engraved.

Rev.
السلطان الا
علا الدنيا عظم
. . . و الدين
خلد الله ملكه (؟)

لله, in oval border, as on (47).

Æ ·8, Wt. 23·8

49

Mint uncertain, year 768.

Similar to (44):

but last two lines of rev. ضرب كنوبه
سنة ٧٦٨

Pl. II. Æ ·6, Wt. 12·2

50

Similar to (49):

but obv. area *reversed;* rev. barbarous.

Æ ·6. Wt. 8·3

51

Seewás, year obliterated.

Obv. Area, within looped lozenge, as (43), but Khaleefehs' names transferred to margin.

Rev. as (44), but last two lines سواس (*sic.*) . . .

(Pierced.)

Æ ·7, Wt. 24·2

VI.—MOḤAMMAD II.

SILVER.

52

Ḳóniyeh, year obliterated.

Obv. Similar to (44), but formula in square Koofee arranged geometrically, followed by صلى الله عليه; and only ابو بكر and عثمان legible around.

Rev. . . .

السلطان الاعظم

محمد بن علا الدين

خلد الله ملك[ه]

Pl. II. Æ ·75, Wt. 26·2

VII.—IBRÁHEEM.

SILVER.

53

Ḳóniyeh, year 829.

Obv. ضرب قونية

ظل السلطان لظل الله

ثبات الملك العدل

فى ٨٢٩

Rev. In centre, within double circle, الله

Around, السلطان المعظم ابرهيم بن محمد بن

قرمان خلد مملكته

Pl. II. Æ ·6. Wt. 10·0

54

Ḳóniyeh, year 841.

Obv., in four segments,



Rev. خلد ملكه

X

ضرب قونية

Pl. II. Æ ·55, Wt. 15·2

VASSAL of ḲARAMÁN.

MUFETTIḤ-ED-DEEN.

SILVER.

55

Ḳóniyeh, year obliterated.

Obv. علا الدين
خلد ملكه
ضرب قونية

Rev. مفتح الدين
. . . .

Pl. II. Æ ·65, Wt. 13·8

AMEERS of AYDEEN.*

		A.H.	A.D.
I.	Aydeen Beg	700	1300
II.	Moḥammad . . . circ.	733	1333
III.	'Omar I.	740	1339
IV.	'Eesá I.	749	1348
	Conquered by Báyezeed I.	792	1390
	Dynasty restored by Timur.		
V.	'Eesá II.	805	1402
VI.	'Omar II.	806	1403
VII.	Muṣṭafá	824	1421
	Final annexation,	829	1426

* See J. KARABACEK, *Gigliato des jonischen Turkomanen Fürsten Omar-beg*, in the *Numismatische Zeitschrift*, Band II. SS. 524—538; and cf. IX., 207—214. Von Hammer differs from this account in several particulars.

NO NAME.

SILVER.

56

Medeenet Ayásuloogh, year obliterated.

Obv. Area, within double square,

لا الله الا

محمد

رسول الله

(Ligature:—الله)

Margin, . . . | عمر | عثمان |

Rev. Area, within square,

ضرب مد

ينة اياسلو

غ حرسها

Margin, ... | | | الله

Pl. II. Æ ·5, Wt. 12·5

IV. or V.—'EESÁ I. or II.

SILVER.

57

No mint or date.

Obv., within eightfoil,

(*sic*) لا الا الا

محمد

رسول الله

Rev., within quatrefoil,

خلد الله

ملكه

عيسى

Pl. II. Æ. 6, Wt. 11·5

AMEERS of ṢÁROO-KHÁN.*

	A.H.	A.D.
I. Ṣároo Khán	713	1313
II. Ilyás c.	746	1345
III. Isḥáḳ c.	776	1374
Conquered by Báyezeed I.	792	1390
Dynasty restored by Timur.		
IV. Ḳhiḍr	804	1402
to	805	1403
V. 'Omar c.	809	1406
Juneyd	813	1410
Final annexation,	829	1426

I.—ṢÁROO KHÁN.

The Coins of Ṣároo Khán belong to the Latin Series of the East,—Magnesia.

* See E. von Bergmann, *Beiträge zur muh. Münzkunde*, in the *Sitzungsberichte der phil.-hist. Classe der k. k. Academie der Wissenschaften*, lxxiii. 129 ff.

III.—ISḤÁḳ.

SILVER.

58

No mint, year 776.

Obv. In ṭughrá, اسحاق بن الياس

Rev. الملبه

(؟) خلفه

٧٧٦

(Broken.)

Pl. II. Æ ·55, Wt. 11·5

V.—'OMAR IBN ILYÁS.

SILVER.

59

No mint or date.

Obv. In ṭughrá, ع.. بن الياس

Rev. خلد

Ornament.

ملكه

(Broken.)

Pl. II. Æ ·55, Wt. 9·8

JUNEYD.*

SILVER.

60

No mint, year 825.

Obv. In ṭughrá, جنيد بن ابراهيم

Rev. In ornamented border,

٨٢٥

خلد ملكه

٥

Pl. II. Æ ·6, Wt. 11·3

* The style of this coin is precisely similar to that of the two preceding coins, and the date corresponds with Juneyd's rule at Smyrna and Ephesus.

AMEERS of MENTESHÁ.

		A.H.	A.D.
I.	Menteshá Beg c.	700	1300
II.	Yaaḳoob c.	750	1349
III.	Ilyás	791	1388
	Conquered by Báyezeed I.	792	1390
	Restored by Timur	805	1402
IV.	[Leyth.] Aḥmad and Oweys . . .	824	1420
	Final annexation	829	1425

III.—ILYÁS.

SILVER.

61

No mint, year 805.

Obv. الياس بن
محمد
٨٠٥

Rev., within square, خلد
ملكه

Pl. II. AR ·5, Wt. 11·0

IV.—LEYTH IBN ILYÁS.

SILVER.

62

No mint, year 824.

Obv. ليث
بن
الياس
بن
محمد

Rev. خلد
٨٢ ٤
ملكه

Pl. II. Æ ·5, Wt. 11·3

MOḤAMMAD ARTEEN.

SILVER.

63

Mint and date obliterated.

Obv. In circle in centre, علی

In three segments round, ابو بکر | عمر | عثمان

Outside which, in three segments,

رسول الله | |

Counter-struck with hexagram.

Rev. محمد ارتین

السلطان الاعظم

غیاث ال

خلد الله

ضرب

Pl. II. Æ ·85, Wt. 26·6

ISḤÁḲ PASHA (?)*

SILVER.

64

No mint or date?

Obv., within eightfoil, لا اله الا
الله محمد
رسول الله

(Barbarous.)

Rev., within hexagon, س عـــب
بكلربك (؟)
خلد ملكه (؟)

Æ ·65, Wt. 15·8

65

Similar to (63):
but second line of rev. اسحاق
(Pierced.)

Æ ·65, Wt. 16·0

COPPER.

66

Obv. خلده
اسحاق

Rev. خلد الله
ملكه

Æ ·8

67

Obv. and Rev. خلد الله
ملكه

Æ ·8

* An Isḥáḳ Pasha was governor of Anatolia during the reigns of Murád II. and Moḥammad II.

'OTHMÁNLEE SULṬÁNS.



'OTHMÁNLEE SULṬÁNS.

		A.H.	A.D.
I.	'Othmán I.	699	1299
II.	Urkhán ibn 'Othmán	726	1326
III.	Murád I. ibn Urkhán . . .	761	1360
IV.	Báyezeed I. ibn Murád	792	1389
	Suleymán ibn Báyezeed . . .	806	1403
	Moosá ibn Báyezeed	813	1410
V.	Moḥammad I. ibn Báyezeed in Asia Minor	805	1402
	„ „ sole ruler	816	1413
VI.	Murád II. ibn Moḥammad . . .	824	1421
VII.	Moḥammad II. ibn Murád . . .	855	1451
VIII.	Báyezeed II. ibn Moḥammad . .	886	1481
IX.	Seleem I. ibn Báyezeed	918	1512
X.	Suleymán I. ibn Seleem . . .	926	1520
XI.	Seleem II. ibn Suleymán . . .	974	1566
XII.	Murád III. ibn Seleem . . .	982	1574
XIII.	Moḥammad III. ibn Murád . . .	1003	1595
XIV.	Aḥmad I. ibn Moḥammad . . .	1012	1603
XV.	Muṣṭafá I. ibn Moḥammad . . .	1026	1617
XVI.	'Othmán II. ibn Aḥmad . . .	1027	1618
	Muṣṭafá I. restored	1031	1622
XVII.	Murád IV. ibn Aḥmad . . .	1032	1623
XVIII.	Ibráheem I. ibn Aḥmad . . .	1049	1640
XIX.	Moḥammad IV. ibn Ibráheem . .	1058	1648
XX.	Suleymán II. ibn Ibráheem . . .	1099	1687
XXI.	Aḥmad II. ibn Ibráheem . . .	1102	1691

		A.H.	A.D.
XXII.	Muṣṭafá II. ibn Moḥammad . . .	1106	1695
XXIII.	Aḥmad III. ibn Moḥammad . .	1115	1703
XXIV.	Maḥmood I. ibn Muṣṭafá . . .	1143	1730
XXV.	'Othmán III. ibn Muṣṭafá . . .	1168	1754
XXVI.	Muṣṭafá III. ibn Aḥmad . . .	1171	1757
XXVII.	'Abd-El-Ḥameed I. ibn Aḥmad . .	1187	1773
XXVIII.	Seleem III. ibn Muṣṭafá . . .	1203	1789
XXIX.	Muṣṭafá IV. ibn 'Abd-El-Ḥameed . .	1222	1807
XXX.	Maḥmood II. ibn 'Abd-El-Ḥameed .	1223	1808
XXXI.	'Abd-El-Mejeed ibn Maḥmood . .	1255	1839
XXXII.	'Abd-El-'Azeez ibn Maḥmood . .	1277	1861
XXXIII.	Murád V. ibn 'Abd-El-Mejeed . .	1293	1876
XXXIV.	'Abd-El-Ḥameed II. ibn 'Abd-El-Mejeed	1293	1876

Regnant.

II.—URKHÁN.

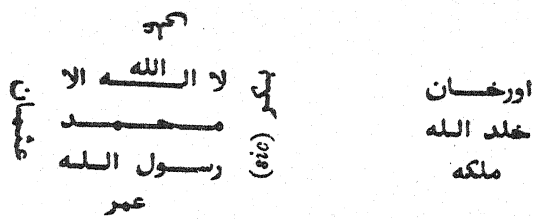
A.H. 726—761.

SILVER.

Obv. *Rev.*

68

No mint or date.



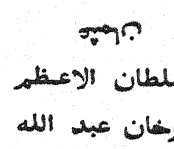
Pl. III. *Pierced.* Æ ·65, Wt. 17·4

69

No mint or date.

Similar:

but ابو بكر at top, عمر at right, عثمان at bottom, and على at left.



Pl. III. Æ ·55, Wt. 19·1

70

No mint or date.

" "

عثمان beneath, and uncertain letters above.

Æ ·55

Obv. *Rev.*

71

No mint or date.

Similar to (69). Similar to (69): inscr. above and beneath, obscure.

Pierced in eight holes. Æ ·55

72

No mint or date.

" " above, arabesque; beneath, uncertain letters.

Æ ·55

73

No mint or date.

" " above, arabesque; beneath, عثمان.

Æ ·55

74

Mint? no date.

Similar to (68): but ابو بكر complete. " above, arabesque; beneath, سروه

Pierced. Æ ·55

75

No mint or date.

" " ابو بكر beneath, على at right, عمر and عثمان obliterated. inscr. above and beneath, illegible

Æ ·6

Obv. *Rev.*

76

No mint or date.

Similar to (68): السلطان الاعظم

without Khaleefehs' names. اورخـان ﻋﺪﻩ

خلد الله ملكه

Pl. III. Æ ·7, Wt. 17·9

77—80

No mint or date.

" "

Æ ·65

·7

·65

omitting ملكه

·6

81

No mint or date.

" "

عاں instead of ﻋﺪﻩ *

Æ ·7

82

No mint or date.

" Very obscure.

Pierced. Æ ·7, Wt. 17·5

* The obscure word, written ﻋﺪﻩ and عاں, may be either عثمان or عبد الله. In the former case (which I think the more probable) بن must be supplied; but most of the words on the coins of Urkhán are so inaccurately and incompletely written that there is nothing remarkable in the omission of بن. On these coins, خان is generally written without the ن, and السلطان is expressed by three or four upright strokes. Such barbarous engraving is not reproduced in the descriptions, since no object would be gained by its representation, when there is no doubt of the correct reading. Whenever any ambiguity is possible, the actual lines of the inscription are carefully reproduced, as in the case of ﻋﺪﻩ. Marsden's reading of this word as غازی seems far-fetched.

III.—MURÁD I.

A.H. 761—792.

SILVER.

Obv. *Rev.*

83

No mint or date.

Similar to (68): مراد بن اورخان / خلد الله ملكه

Pl. III. Æ ·8, Wt. 17·3

84

No mint or date.

لا اله الا الله / محمد رسول الله — مراد بن اورخان / خلد الله ملكه

Æ ·65, Wt. 18·3

85

No mint or date.

خلد / ملكه — مراد بن / اورخان

Above and beneath, arabesque.

Æ ·4, Wt. 19·0

COPPER.

Obv. *Rev.*

86

No mint or date.

السلطان العا (*sic*)
خلد الله ملكه

مراد بن اورخان
خلد الله ملكه

Above, arabesque.

Æ ·75

87

No mint or date.

مراد بن
اورخان

مراد بن
اورخان

Æ ·65

88

No mint, year 790.

[مر]اد خان
عز نصره

عز نصر[ه]
٧٩٠

Æ ·7

IV.—BÁYEZEED I.

A.H. 792—805.

SILVER.

Obv. *Rev.*

89

No mint, year 792.

بايزيد
بن مراد

خلد ملكه
٧٩٢

Pl. III. Æ ·45, Wt. 18·2

90

No mint, same year.

" "

Æ ·5

91

No mint, same year.

" "

reversed.

Æ ·5, Wt. 15·6

COPPER.*

Obv. *Rev.*

92

No mint or date.

سلطان
—o—
بايزيد

Ornament.

Æ ·6

93

No mint or date.

بايزيد
ڪ ڪ ڪ ڪ
خان

Ornament.

Æ ·55

* These two copper coins might be attributed equally well to Báyezeed II. but for the fact that the latter always styles himself بايزيد بن مراد.

SULEYMÁN.

A.H. 806—813.

SILVER.

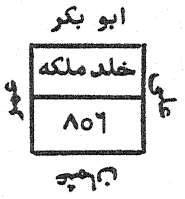
Obv. *Rev.*

94

No mint, year 806.

امير سليمان بن بايزيد

in Ṭughrá.



Pl. III. Æ ·6, Wt. 17·7

95

No mint, same date.

" "

Æ ·65, Wt. 16·5

96

No mint, same date.

" "

Khaleefehs' names begin at left instead of top.

Æ ·55

COPPER.

97

No mint, year 806.

Similar. Similar to (94).

Æ ·7

Obv. *Rev.*

98

No mint, year 812.

خلد ملكه ٨١٢ — خلد ملكه ٨١٢

Æ ·65

99

No mint or date.

سلطان سليمان — Ornament.

Æ ·5

V.—MOḤAMMAD I.

A.H. 816—824.

BRUSA.

SILVER.

100

Year 822.

بايزيد محمد بن خان عز نصره — خلد ملكه بروسا ضرب ٨٢٢

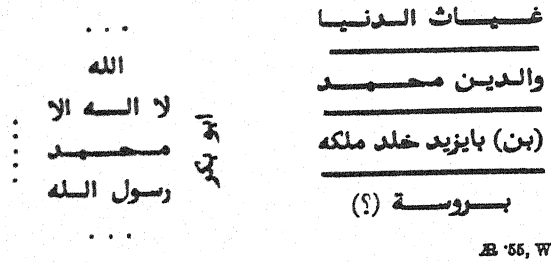
Pl. III. Æ ·45

II

Obv. *Rev.*

101

No date.



Æ ·55, Wt. 17·0

SEREZ.

SILVER.

102

Year 822.

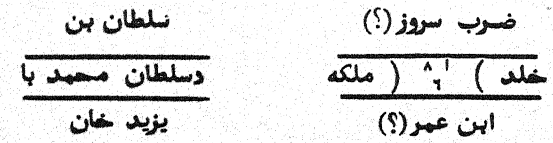
Similar to (100).

Similar to (100):
but mint سرز

Pl. III. Æ ·55, Wt. 17·5

102*a*

Year 816.



Pl. III. Æ ·45, Wt. 20·0

NO MINT.

COPPER.

Obv. *Rev.*

103

Year 812

محمد
بن بايزيد

١٢
خلد ملكه
٨

Æ ·6

104

Year 813

السلطان
الملك الا . . .
محمد [بن] بايزيد

خلد ملكه
ودولته
٨١٣

Æ ·7

105

No date.

محمد بن

بايزيد

above and beneath, ornaments.

Restruck. Æ ·6

106

No date.

سلطان
محمد بن
بايزيد

Ornament.

Æ ·6

CENTRAL ARCHAEOLOGICAL LIBRARY New Delhi 67051

Obv. *Rev.*

107

No date.

محمد بن....يد

خاغان

Ornament.

Æ ·6

VI.—MURÁD II.

A.H. 824—855.

BRUSAH.

SILVER.

108

Year 825.

٨٢٥

مراد بن محمد

in Ṭughrá.

خلد ملكه

برسة

ضرب

Æ ·5, Wt. 18·2

109

Year 834

مراد بن

٨ ٣ ٤

محمد خان

خلد ملكه

برسة

ضرب

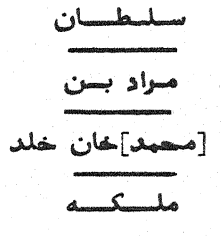
Æ ·5, Wt. 17·0

COPPER.

Obv. *Rev.*

110

Year 827.



Æ ·75

111

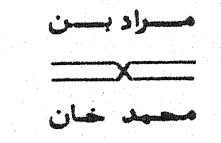
Same.

" "

Æ ·75

112

Year 836.



Æ ·8

113

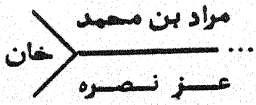
Same.

" "

Æ ·75

114

Year 852 (?)



Æ ·45

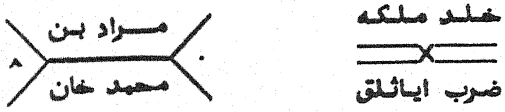
AYÁSULUḲ.

COPPER.

Obv. *Rev.*

115

Year 8*xx*.



Pl. III Æ ·5

ADRIANOPLE.

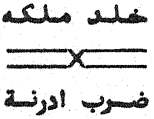
SILVER.

116

Year 834.

Similar to (109):

but ϕ for ξ



Pl. III. Æ ·55

COPPER.

117

Year 832.

(مراد بن) ٢

محمد خان

"

divided by single line.

Æ ·55

SEREZ.

SILVER.

Obv. *Rev.*

118

Year 834.

Similar to (109):
but ٣ for ٤

خلد ملكه
ضرب سرز

Pl. III. Æ ·55, Wt. 18·0

NO MINT.

SILVER.

118*a*

سلطان
مراد
خان ؟

Illegible.

Æ ·5

COPPER.

119

No date.

[مر]اد بن محمد خان
in Ṭughrá.

Ornament.

Æ ·6

VII.—MOḤAMMAD II.

A.H. 855—886.

BRUSAH.

COPPER.

Obv. *Rev.*

120

Year 861

محمد بن | [مر]اد | خان
in three compartments.

خلد ملكـــه
٨٦١
[ضرب] برسة

Æ ·45

121

Same :

" "

Æ ·45

122

Year 865

محمد بن مراد خان عز
نصره ٨٦٥
arranged circularly round
a star.

خلد ملكه ضرب برسة
arranged circularly round
a star.

Æ ·55

123

Year 867.

" ٨٦٧ "

Æ ·65

124

Year [8]6*x*.

" [٨]٦*x* "

Æ ·65

AYÁSULUḲ.

COPPER.

Obv. *Rev.*

125—127

Year 865.

Similar to (122): year ٨٦٥ خلد ملكه ضرب ايائلق

arranged as (122).

Pl. III. Æ ·6
·7
·8

TIREH.

COPPER.

128

Year obliterated.

محمد بن — [خلد ملكه]

مراد خان — ضرب تيرة

عز نصره —

Æ ·7

129

Same.

" — "

Æ ·7

KHÁNJEH.

SILVER.

Obv. *Rev.*

130

Year obliterated.

In centre, محمد
Around, سلطان بن مراد خان

عز نصره
ضرب
خانجه[؟]

Pierced. Pl. III. Æ ·45

ADRIANOPLE.

SILVER.

131, 131*a*

Year 855.

In centre, محمد بن
Around, ٨٥٥ مراد خان عز نصره

خلد ملكه
ضرب ادرنة

Æ ·4, Wt. 14·8
Æ ·45

132

Year 87*x*.

محمد بن
مراد خان
عز نصره
٨٧*x*

خلد
ملكه ضرب
[اد]رنة

Æ ·4

COPPER.

Obv. *Rev.*

133

Year 857.

سلطان
محمد بن مراد
خان

خلد ملكه
٨٥٧
ضرب ادرنة

Æ ·6

134

Year [8]*x*7.

خلد ملكه ضرب ادرنة — arranged circularly.

محمد بن مراد خان عز نصره ٧٠٠ — arranged circularly.

Æ ·65

135

No year.

محمد بن
مـــــراد

خلد ملكه
ضرب ادرنة

Æ ·55

136—138

No year.

محمد بن مراد خان — in *Tughrá*.

,, — ornament (varied) instead of line.

Æ ·6
Æ ·6
Æ ·6

SEREZ.

SILVER.

Obv. *Rev.*

139

Year 855.

Similar to (131.) خلد ملكه
ضرب سرز
divided by ornament.

Æ ·45, Wt. 14·5

139*a*

Year 865.

خلد ملكه ضرب سرز محمد بن مراد خان عز نصره ٨٦٥

arranged as obv. arranged circularly round star.

Æ ·45

CONSTANTINOPLE.

(Conquered 857.)

SILVER.

140

Year 875.

خلد
ملكه ضرب
قسطنطنية

محمد بن
مراد خان
عز نصره
٨٧٥

Pl. III. Æ ·45, Wt. 13·0

COPPER.

Obv. *Rev.*

141

Year obliterated.

محمد بن مراد خان عز نصره ... ضرب قسطنطنية

arranged circularly round trefoil. arranged circularly round three stars.

Pl. III. Æ ·5

MINT OBLITERATED.

142

Year [8]xx8.



خلد ملكه

ضرب

Æ ·5

143

Year 874?

محمد بن مر

اد خان

خلد ملكه

ضرب

٨٧٤?

Æ ·55

NO MINT.

144

محمد بن

مراد خان

Æ ·55

VIII.—BÁYEZEED II.

A.H. 886—918.

CONSTANTINOPLE.

GOLD.

Obv. *Rev.*

145

Year of Accession.*

سلطان بايزيد	ضارب النضر
بن محمد خان عز نصره	صاحب العز والنصر
ضرب	فى البر والبجر
قسطنطنية	(Henceforward cited as
سنة ٨٨٦	*Formula A.*)

Pl. III. *N* ·7, Wt. 54·5

SILVER.

146

Accession.

سلطان	عز نصره ضرب
بايزيد	قسطنطنية
بن محمد خان	[سن]ة ٨٨٦

R ·4, Wt. 12·2

* The majority of the Turkish coins from this time forward bear the year of accession, with the year of the reign added at a later period. When only the former appears, the coin is headed "accession"; when the latter, the year of reign as well as the date A.H. is given.

COPPER.

Obv. *Rev.*

147

Year 903.

سلطان

بايزيد ... ضرب

بن محمد خان [قسط]نطنية

٩٠٣

Æ ·45

ADRIANOPLE.

SILVER.

148

Accession.

Similar to (146). Similar to (146): but ادرنة

Æ ·45, Wt. 12·3

COPPER.

149

Accession.

ادرنة (؟)

بايزيد بن | محمد خان ٨٨٦

ضرب

above and beneath, ornament.

Æ ·65

KARATOVA.

SILVER.

Obv. *Rev.*

150

Accession.

Similar to (146). Similar to (146): but قرطوة

Pl. III. Æ ·4

NOVÁR.

SILVER.

151, 152

Accession.

Similar to (146). Similar to (146): but نوار

Pl. III. Æ ·45, Wt. 12·4

Æ ·4

BRUSA.

COPPER.

153

No year.

خلد ملكه ضرب برسة

arranged circularly round annulet.

بايزيد بن محمد خان

arranged circularly round annulet.

Pl. III. Æ ·65

Obv. *Rev.*

154

Year 9*xx* (?)

محمد خان ‏ ‏ ‏ ‏ ‏ ‏ ‏ ‏

بايزيد بن ‏ ‏ ‏ ‏ ‏ ‏ ‏ ‏ سة

(؟) ٩

Æ ·65

UNCERTAIN.

COPPER.

155

سلطان ‏ ‏ ‏ ‏ ‏ ‏ ‏ ‏ خلد ملكه

بايزيد خان ‏ ‏ ‏ ‏ ‏ ‏ ‏ ‏ حما . . .

Æ ·75

NO MINT.

156, 157

سلطان بايزيد بن محمد خان ‏ ‏ ‏ ‏ ‏ ‏ ‏ ‏ Ornament.

arranged circularly.

Æ ·6

Æ ·6

IX.—SELEEM I.

A.H. 918—926.

[CONSTANTINOPLE.]

GOLD.

Obv. *Rev.*

158

Year 926.

Formula A.

سلطان سليم خان
ابن بايزيد خان عز نصره
ضـــرب ســـنـــة
سنة ٩٢٦

Pl. III. *N* ·8, Wt. 51·9

159

Same.

" "

No line across.

N ·75, Wt. 51·0

160

Same.

" "

Ciphers obscure.

N ·7, Wt. 52·3

SILVER.

Obv. *Rev.*

161

Accession.

سلطان
سليم
شاة
بن
بايزيد خان

عز نصره ضرب
قسطنطنية
سنة ٩١٨

Pierced. Æ ·65, Wt. 10·0

162

Same.

" "

date obliterated.

Æ ·45

COPPER.

163

Accession.

Similar. Similar to (161).

Æ ·5

164

Year 923.

In centre, سنة ٩٢٣ Arabesque.

Around, قسطنطنية

Æ ·75

NOVÁR.

SILVER.

Obv. *Rev.*

165

Accession.

Similar to (161). [عز نصره ضرب]

نـوار سـنـة

۹۱۸

Æ. ·45

166, 167

Same.

" "

Æ. ·45, Wt. 10 2

Æ. ·45

ROHÁ.

COPPER.

Obv. *Rev.*

168

Year obliterated.

سلطان — Within square,

سليم — ضرب

[بن] بايزيد خان عز نصره ضرب — رها

.

Pl. III. Æ 7

169

سلطان — Within square,

سليم — ضرب

بن بايزيد خا[ن] — ها

عز....

Pl. III. Æ 65

BRUSA (?).

SILVER.

Obv. *Rev.*

170

Year obliterated.

Similar to (161). عز نصره ضرب

[بر] سنة (؟)

Æ ·5, Wt. 10·3

UNCERTAIN.

COPPER.

171

Mint obliterated, year 925.

. . . .

٩٢٥...

Arabesque.

Æ ·65

X.—SULEYMÁN I.

A.H. 926—974.

CONSTANTINOPLE.

GOLD.

Obv. *Rev.*

172

Accession.

Formula A.

سلطان سليمان
بن سليم خان
عز نصره ضرب
قسطنطنية فى
سنة ٩٢٦

Pl. III. *N* ·8, Wt. 53·3

173, 174

Same.

" "

(Ornaments varied.)

N ·8
Pierced. *N* ·75

SILVER.

175

Accession.

سلطان سليمان شاه بن سليمخان عز نصره خلد ملكه ضرب قسطنطنية سنة ٩٢٦

arranged circularly.

Pl. III. *R* ·4, Wt. 10·9

Obv. *Rev.*

176, 177

Year obliterated.

سلطان سليمان
بن سليم شاة
.....

[ض]صره
عز * ضرب
قسطنطنية
شنة
...

Æ ·5
Æ ·45

COPPER.

178

Accession.

Ornament (?)

.....
[قس]طنطنية
سنة
٩٢٦

Æ ·7

179

Year 933.

Ornament.

[عزنص]ره ضر[ب]
[ق]سطنطنية
سنة
٩٣٣

Æ ·5

Obv. *Rev.*

180, 180a

Year 953.

Ornament.

ضر
ب
قسطنطنيـــة
٩٥٣

Æ ·65
Æ ·6

181, 182

Year 957

سليمان خان
(arranged in Ṭughrá):
above, عز نصره
beneath, قسطنطنية

سنة
٩٥٧
surrounded by circle and ornamented border.

Æ ·6
Æ ·7

183

Same year.

Ornament:
(Hexagram)

Similar.

Æ ·65

184

Year 966.

Stars and ornaments.

عز نصره
ضرب
قسطنطنية
٩٦٦

Æ ·65

SIDREH-KEYSEE.

GOLD.

Obv. *Rev.*

185

Accession.

Formula A.

سلطان سليمان
بن سليم خان
عز نصره ضرب
سدرة قيسى فى
٩٢٦
سنة

Pl. III. *N* ·8, Wt. 54·5

186

Same.

" "

divided by two horizontal bars.

N ·8

187

Same.

صاحب النضر
والنصر فى البر
والبحر م

" omitting فى

N ·75, Wt. 54·3

SILVER.

Obv. *Rev.*

188

Accession.

سلطان سليمان شاه بن
سليم خان
arranged circularly round star.

خلد ملكه
ضر * ب
سدرة قيسى
سنة
٩٢٦

Pl. III. Æ ·5, Wt. 10·7

189

Same.

سلطان
سليمان
شاه بن
سليم
[خان]

ضرب
سدرة
قيسى سنة
٩٢٦

Æ ·45, Wt. 7·6

KARATOVA.

SILVER.

190

Accession.

سلطان
سليمان شا[ه]
س[ليم]
.١.

عز نصره
ضرب
قرطوه
سنة
٩٢٦

Æ ·45

Obv. *Rev.*

191

Same.

سلطان
سليمان شاه
بن سليم شاه

Similar to (190).

Pierced. Æ ·55

NOVÁR.

SILVER.

192

Accession.

سلطان
سليما * ن‌شاه
بن سليم شاه

عز نصره
ضر * ب
نـــوار
ســنـة
٩٢٦

Æ ·6, Wt. 10·7

NOVABERDA.

COPPER.

193

Accession.

Similar to (191):
but last word خان

عز نصر[ه]
ضـــرب
نـوابـرد[ه]
ســنـة
٩٢٦

Æ ·45

BRUSA.

COPPER.

Obv. *Rev.*

194

Year 963.

. . .
فلـــوه
بروسـ[ة]
سـنـة
٩٦٣

خلد
ملكـ[ه]

Æ ·7

ÁMID.

SILVER.

195

Year 9*xx*.

سلطان سليمان شاه
بن سلطان سليم شاه
البر والبحـ[ر]

In centre, امـــد
ضـــرب
Around, خلد الله ملكه
وسلطانه سنة ٩*xx*

Pl. IV. *Pierced.* Æ ·8, Wt. 61·5

DAMASCUS.

GOLD.

Obv. *Rev.*

196

Accession.

Formula A.

سلطان سليمان شاه
بن سلطان سليم شاه
عز نصره ضرب فى
دمشق
سنة
٩٢٦

N ·8, Wt. 54·1

ALEPPO.

GOLD.

197

Accession.

Formula A. Similar: but حلب

Pl. IV. *N* ·75

198

Same year.

" "

خان instead of شاة
in second line.

N ·7

SILVER.

Obv. *Rev.*

199

Year obliterated.

سلطان
سلـ . . .
سـ

عز
نصره
ضرب
حلب
سنة
. . .

Pierced. *R.* ·65, Wt. 14·7

200

Mint obliterated.

Accession.

شاة
سليمان

. . . .
ضرب * . .
سنة
٩٢٦

Pierced. *R.* ·65

ṢOOR(?)

SILVER.

201

Year obliterated.

.
بن سليم
فى ال . . . ال . . .

In centre, ضرب
صور؟
سنة
. . .

Around, illegible inscription.

R. ·76, Wt. 40·5

EGYPT.

GOLD.

Obv. *Rev.*

202

Accession.

Formula A.

سلطان سليمان شاة
بن سليم خان
عز نصره ضرب فى
مصر سنة
٩٢٦

N ·8, Wt. 53·5

203

Same.

" "

N ·8

204

Same.

"

سلطان سليمان
بن سلطان سليم شاه
عز نصره ضرب
مصر فى
سنة ٢٦[٩]

Pierced. *N* ·8

Obv. *Rev.*

205

Same.

Same. Similar:

last three lines

عز نصره ضرب فی

ب مصر

سنة

٩٢٦

Pl. IV. *N* ·8

206

Same.

" (Badly executed.) "

N ·75

SILVER.

207

Year 9*xx*.

سلطان

سليمان شاه

بن سليم

خان

عز

نصره ضرب

سنة

xxρ

Pierced. Æ ·7, Wt. 19·9

COPPER.

208

Year 928.

٩٢٨

within ornamented

border.

Arabesque.

Æ ·65

HIJÁZ.

GOLD.

Obv. *Rev.*

209

No year.

لا اله الا الله — غازی
محمد — پادشاه
رسول الله — سليمان
سلطان

N ·55, Wt. 16·3

210

No year.

,, سليمان پادش[اه]
سلطان غ[از]ی
الحرمين الشريفه . .
ملک . خلد .

Pl. IV. *N* ·5, Wt, 14·6

211

No year.

,, پادش . . غا . .
.

N ·45, Wt 14·4

Obv. *Rev.*

212

No year.

Same as (209).

خلد تعالى

پادشاه غا..

[سل]يما[ن]

. . . نو

N ·35

213

No year.

" "

N ·35

214

No year.

" "

. . . نو instead of سلطان

N ·35, Wt. 6·2

TRIPOLI.

SILVER.

215

Year 92*x*.

[سلطا]ن [ض]رب

سليمان [شا] [ط]رابلوس

ه[بن سليم خا]ن سنة

٩٢*x*

(Square.)

Pl. IV. *R* ·55, Wt. 15·3

216

Year 92*x*.

" "

partly obliterated. date ٩٢*x*

(Square.)

R ·55

TUNIS.

COPPER.

Obv. *Rev.*

217

Year [9]x8.

سلطان — ضرب

سليم[ا]ن بن — تونس فى

..... — سنة

x x ٨

In centre, ornament.

Æ ·5

ALGIERS.

SILVER.

218

Year obliterated.

[س]لطان سليما[ن] — عز نصره

[بن] سليم — ضرب فى

...[خان] — جزاير

[سنة]

...

Æ ·55, Wt. 15·5

219

Year obliterated.

" — " جزير

Æ ·5

COPPER.

Obv. *Rev.*

220

No year.

Same as (218). عز نصر[ه]
ضرب
جـــزيـــر

Æ ·65

UNCERTAIN MINTS.

SILVER.

221

Accession.

سلطان عز نصره
شـــــاه ضـــرب
سـليـمـان
(*sic*) بن سليم خ سـنـة
٩٢٦

Pierced. Æ ·55 Wt. 9·5

222

Year obliterated.

سلطان سليم . ن خان عز نصره ضرب سنة ...

arranged circularly round star. arranged circularly round star.

Æ ·4

COPPER.

Obv. *Rev.*

223

Year 938.

سلطان مر ·····

arranged round central ·····

ornament. فی سنة ۹۳۸

Æ ·7

XI.—SELEEM II.

A.H. 974—982.

NOVABERDA.

SILVER.

224

Accession.

سلطان عز نصر[ه]

سلیم ضرب

بن سلیمان نوابرده

خان ۹۷۴

Pl. IV. *Pierced.* Æ ·5, Wt. 9·5

Obv. *Rev.*

225

Year obliterated.

سلطان سليمان
شاه سليم
بن

عز نصره
ضرب
... بر ..

R. ·85, Wt. 9·5

ALEPPO.

GOLD.

226—228

Accession.

Formula A.

سلطان سليم شاه
بن سلطان سليمان خان
عز نصره ضرب
حلب
فى سنة
٩٧٤

N ·8, Wt. 53·2
N ·75
N ·75

SILVER.

Obv. *Rev.*

229

Year obliterated.

سلطان سلیم خان بن سلطان

سلیمان] arranged circularly

round central hexagram.

Within hexagram.

ب

حلب

ضر

Margin illegible.

Pl. IV. Æ ·85, Wt. 52

BAGHDÁD.

SILVER.

230

Accession.

سلطان سلیم شاه

بن سلطان سلیمان شاه

فی البر والبحر

In centre, بغداد

ضرب

Around, خلد الله ملکه وسلطانه

۹۷۴

فی سنة

Pl. IV. Æ ·8, Wt. 59·3

EGYPT.

GOLD.

Obv. *Rev.*

231

Accession.

Formula A.

سلطان سليم شاه
بن سليمان خان
عز نصره ضرب فى
مصر سنة
٩٧٤

N ·75, Wt. 52·0

COPPER.

232

Accession.

.
عز نصره
.

.
بمصر
سنة
٩٧٤
.

Æ ·75

UNCERTAIN.

(Syrian fabric?)

COPPER.

233

No year.

سلطان سليم شاه
بن سليمان خان عز نصره
سـ[نة]

Within ornamented border,
ضـر[ب]
هادا (؟)

Pl. IV. Æ ·6

XII.—MURÁD III.

A.H. 982—1003.

CONSTANTINOPLE.

GOLD.

Obv. *Rev.*

234

Accession.

Formula A.

سلطان مراد
شاه
بن سليم خان
عز نصره ضرب فى
قسطنطنية
سنة ٩٨٢

Pl. IV. *N* ·75, Wt. 47·3

235

Same.

" "

omitting شاه

N ·75, Wt. 52·7

236

Same.

" "

N ·8, Wt. 29·8

237

Same.

" "

differently arranged.

Pierced. *N* ·75

COPPER.

Obv. *Rev.*

238

Accession.

ضرب — Ornament.
فی (؟)
[قـ]طنطنية
٩٨٢

Æ ·5

SIDREH-ḲEYSEE.

SILVER.

239

Accession.

سلطان — عـز نـصـره
مراد بن — ضـــــرب
سلـيـم — سدرة قيسى
خان — ٩٨٣

Pierced. Æ ·55

NOVABERDA.

SILVER.

240

Year obliterated.

. — خلد
مراد خا[ن] — ملكه ضرب
عـز نـص[ره] — نوا . ر . .
وسـ

Æ ·5, Wt. 10·3

DAMASCUS.

GOLD.

Obv. *Rev.*

241

Accession.

Formula A.

سلطان مراد شاه
بن سليم خان
عز نصره ضرب
فى دمشق
سنة
٩٨٢

N ·75, Wt. 53·3

ALEPPO.

GOLD.

242

Accession.

Formula A.

سلطان مراد
بن سلطان سليم شاه
عز نصره ضرب
فى حلب
سنة
٩٨٢

N ·75

SILVER.

Obv. *Rev.*

243, 244

Accession.

سلطان مراد
بن سلطان سليم شاه
عز نصره

In centre, ب
خلب
ضر
Around, خلد الله ملكه و
سلطانه سنة
٩٨٢

Pl. IV. Æ ·8, Wt. 55

Æ ·8

245

Same.

. . . طان
مراد بن
...م خان

. . .
ضرب ٨٢
خلب

Æ ·45

COPPER.

246

Year 991.

عز
نصره
ضرب
حلب
سنة
٩٩١

Arabesque.

Æ ·75

ÁMID.

SILVER.

Obv. *Rev.*

247, 248

Accession.

سلطان مراد بن سليم خان
in Ṭughrá.

خلد ملكه
ضرب
امد
٩٨٢

Æ ·85, Wt. 48·7

Ringed. Æ ·8

KHÁNJEH.

GOLD.

249

Accession.

Formula A.

سلطان مراد
بن سليم خان
عز نصره ضرب فى
خانجة
سنة ٩٨٢

N ·75, Wt. 53·3

BAGHDÁD.

GOLD.

Obv. *Rev.*

250

Accession.

Formula A.

سلطان مراد
سه (؟) عز
خان بن نصر[ه]
سليم خان
ضرب بغداد
٩٨٢
سنة

N ·8, Wt. 53·5

SÁḲIZ.

GOLD.

251

Accession.

Formula A.

سلطان مراد
بن سليم خان
عز نصره ضرب فی
ساقز
٩٨٢
سنة

Pl. IV. *N* ·75, Wt. 53·2

EGYPT.

GOLD.

Obv. *Rev.*

252, 253

Accession.

سلطان البرين
وخاقان البحرين
السلطان بن
السلطان
(Henceforth cited as
Formula B.)

سلطان مراد بن
سليم خان عز
نصره ضرب فى
مصر سنة
٩٨٢

N ·8, Wt. 52·3

N ·8

254

Same.

" "

Unit of date omitted.

(Barbarously executed.)

N ·85

ALGIERS.

SILVER.

Obv. *Rev.*

255

Accession.

سلطان
مراد بن
سليم
خان

عز نصره
ضرب جزاير
سنة ٩٨٢

Pl. IV. Æ ·55, Wt. 8·0

TILIMSÁN.*

GOLD.

256

Year 988?

Within double square,

صاحب
العادل (؟) المستقيم
السلطان
مراد ابن
السلطان سليم

Within double square,

مالك البرين
والبحرين والشام
والعراقين خلد
الله ملكه

In segments between square and outer circle, | تمان (؟) | ... | ثمنين ؟ | تسعمانة ؟

In segments between square and outer circle, | تلمسان | سنة ثمان (؟) | و ثم ... | وتسعمانة

Pl. IV. Æ 1·25, Wt. 66·0

* See *Introduction*.

XIII.—MOḤAMMAD III.

A.H. 1003—1012.

CONSTANTINOPLE.

GOLD.

Obv. *Rev.*

257

Accession.

Formula A.

سلطان محمد
بن مراد خان
عز نصره ضرب فی
قسطنطنية
١٠٠٣

N ·75, Wt. 53·0

SILVER.

258

Accession.

In centre, محمد

Around, سلطان بن مراد خان

عز نصره
ضرب
[قس]طنطنية
١٠٠٣

R ·5, Wt. 5·0

NOVABERDA.

SILVER.

Obv. *Rev.*

259

No year.

Same as (258.)

عز نصره
ضـــرب
نـوابـرده

Æ ·45, Wt. 4·0

SKUB.

SILVER.

260

[Accession year of preceding Sulṭán.]

محمد
ســـلـــطـــان
بن مراد خان

عز نصره
ضرب سكوب
سنة
٩٨٢

[A Rev. of the preceding Sulṭán.]

Pl. IV. Æ ·45, Wt. 10·0

DAMASCUS.

GOLD.

Obv. *Rev.*

261

Accession.

Formula A.

سلطان محمد بن
مراد خان عز
نصره ضرب فی
دمشق
سنة
١٠٠٣

Pl. IV. *Pierced.* *N* ·8, Wt. 51·6

262

Year obliterated.

" "

Ciphers obliterated.

N ·8

SILVER.

263

No year.

عز نصره ضرب دمشق سلطان محمد بن مراد خان

in Ṭughrá arranged round arabesque.

Pierced. *R* ·6, Wt. 15·0

ALEPPO.

GOLD.

Obv. *Rev.*

264

Accession.

Formula B.

سلطان محمد
بن مراد خان عز
نصره ضرب فی
حلب
سنة
١٠٠٣

N ·8, Wt. 53·0

265

Accession.

" " *N* ·8

SILVER.

266

Accession.

Ṭughrá.

خلد ملكه
ضرب
حلب
١٠٠٣

Centre line enclosed in border.

Pierced. *R.* ·85, Wt. 34·0

ÁMID.

SILVER.

Obv. *Rev.*

267

Accession.

Ṭughrá. عـــز نصـــره
ضـــرب فـــى
امد
ســـنة
١٠٠٣

Æ ·86, Wt. 33·0

268

Same.

„ In centre, فى
امد

Around, ... ١٠٠٣ ضرب

Æ ·85

269, 270

Same.

„ Similar.

Æ ·95
·9

EGYPT.

GOLD.

Obv. *Rev.*

271, 272

Accession.

Formula B.

سلطان محمد بن
مراد خان عز
نصره ضرب فی
مصر سنة
١٠٠٣

N ·85, Wt. 53·0

N ·85

SILVER.

273

Accession (?).

Ṭughrá.

. . . .

ضرب مصر
سنة
١٠٠x

R ·55, Wt. 4

274—276

Year obliterated.

,, خلد ملكه

. . . .

Pl. IV. *R* ·5

R ·5

R ·5

TUNIS.

GOLD.

Obv. *Rev.*

277

Year 1008.

Formula A.

سلطان محمد
بن مراد خان
عز نصره ضرب
فی تونس
سنة ١٠٠٨
ثمن (؟)

Pierced. *N* '75, Wt. 53·0

ALGIERS.

GOLD.

Obv. *Rev.*

278, 279

Accession.

Formula A.

سلطان محمد
بن مراد خان عزه (*sic*)
نصر ضرب
جزاير فى سنة
١٠٠٣

Pl. IV. *N* ·8, Wt. 53·2
N ·75

XIV.—AḤMAD I.

A.H. 1012—1026.

CONSTANTINOPLE.

GOLD.

Obv. *Rev.*

280

Accession.

Formula A.

سلطان احمد
بن محمد خان
عز نصره ضرب فى
قسطنطنية
١٠١٢

Pl. V. *N* ·8, Wt. 53·2

281

Same.

„ „ arrangement varied.

N ·85

SILVER.

282

Accession.

سلطان
احمد محمد
بن خان

ضرب
قسطنطنية
١٠١٢

R. ·5, Wt. 5

ERḌ-ROOM (*sic*).

SILVER.

Obv. *Rev.*

283

Year 1014.

Ṭughrá. خلد ملكه

ضرب

ارض روم

(*sic*) ١١٤

سنة

(ضرب inclosed in border.)

Pl. V. Æ ·7, Wt. 24

ḲARÁ—.

SILVER.

284

Accession.

Ṭughrá. [خلد] ملكه

ضـــــرب

١٠١٢

قـــرا . . .

(ضرب inclosed in border.)

Pierced. Æ ·75

KHÁNJEH.

SILVER.

Obv. *Rev.*

285, 286

Accession.

Ṭughrá. خلد ملك[ه]

ضرب ١٠١٢

خانجة

(centre line inclosed in border.)

Pierced. Æ. ·7

Pierced. Pl. V. Æ. ·8

287

Year 1020?

In centre, احمد عز نصره

Around, سلطان بن محمد خان ضرب

خانجة

١٠٢٠ (?)

Pierced. Æ. ·55

ALEPPO.

SILVER.

Obv. *Rev.*

288, 289

Accession.

Ṭughrá. خلد ملكه
ضـــــرب
حـلـــب
١٠١٢

(ضرب inclosed in border.)

Pierced. *R.* ·7, Wt. 20
Pierced. *R.* ·75

290

Same.

Within hexagram, ضـــــرب
حلـــب
١٠١٢[١]

In segments between hexagram and outer circle,

عز | نصر | .. | ... | ... | ♥

Pierced. *R.* ·7

ÁMID.

GOLD.

Obv. *Rev.*

291

Year 1013.

Formula B.
(خاقان omitted before و)

سلطان احمد
بن محمد خان
عز نصره
ضرب امد فى
سنة
١٠١٣

N ·8, Wt. 51·5

EGYPT.

GOLD.

292, 293

Accession.

Formula B.

سلطان احمد بن
محمد خان عز
نصره ضرب فى
مصر سنة
١٠١٢

N ·8, Wt. 53·
N ·8

SILVER.

294

Year obliterated.

In centre, احمد بن
Around, سلطان محمد خان
عز نصره

خلد ملكه
ضرب مصر
سنة
. . . .

Pl. V. Æ ·5, Wt. 6

Obv. *Rev.*

295

Year obliterated.

Same. Same.

Pierced. Æ ·5

296

Year obliterated.

سـلـطـان [ع]ز نصره

[ا]حمد بن ——•——

. مصر . . .

. . . .

Pierced. Æ ·7

TRIPOLI.

COPPER.

297

Year obliterated.

السلطان ضـرب فى

احمد خان ابن طرابلـس

السلطان محمد غـرب

خان

Æ ·9

298

Year obliterated.

سلطان . . .

احمد خان طـر .

Ornament. بـلو .

In ornamented border.

Æ ·6

TUNIS.

SILVER.

Square.

Obv. *Rev.*

299

Accession.

السلطان
احمد بن محمد خان
عـــز نصره ضـــرب
تـــونـــس

يا قاضى حاجات يا كافى
مهمات in anagram.
Beneath, ١٢

Pl. V. ℞ ·45

300

Year 1017.

" " Beneath, ١٧

Pierced. ℞ ·5

301

Year 1019.

" " Beneath, ١٠١٩

℞ ·55, Wt. 7·4

302

Year 1025.

" " Beneath, ٢٥

℞ ·5

303

Year obliterated.

" " Beneath, year illegible.

℞ ·5

ALGIERS.

GOLD.

Obv. *Rev.*

304

Accession.

Formula A.

سلطان احمد
بن محمد خان عز
نصره ضرب
جزاير في
سنة
١٠١٣

N ·7, Wt. 53·4

UNCERTAIN.

SILVER.

(*Syrian Type.*)

305

Accession.

سلطان احمد بن محمد خان

in Ṭughrá.

خلد ملكه
ضرب
١٠١٣
. . . و (؟)
(ضرب inclosed in border.)

R ·7

Obv. *Rev.*

306

Mint and date obliterated.

سلطان ضـــرب

احـــمـــد خـان

بن سلطان محمد

خان

Æ ·7

NO MINT.

COPPER.

307

سـلـطـان Hexagram.

احـــمـــد

خـــــان

Æ ·5

XV.—MUṢṬAFÁ I.

(*FIRST REIGN.*)

A.H. 1026—1027.

EGYPT.

GOLD.

Obv. *Rev.*

308

Accession.

Formula B.

سلطان
مصطفى بن
محمد خان عز
نصره ضرب فى
مصر سنة
١٠٢٦

N ·85, Wt. 53·7

XVI.—'OTHMÁN II.

A.H. 1027—1031.

CONSTANTINOPLE.

SILVER.

Obv. *Rev.*

309

Accession.

Formula B.

In centre, عثمان

Around, سلطان ابن احمد خان

١٠٢٧

عز نصره ضرب قسطنطنية سنة

Pl. V. Æ ·8, Wt. 43

DAMASCUS.

COPPER.

310

Accession.

Ornament.

عز نصر[ه]

ضر ∴ ب

د مشق

١٠٢٧

Æ ·6

EGYPT.

GOLD.

Obv. *Rev.*

311

Accession.

Formula B.

سلطان عثمان بن
[اح]مد خان عز نصره
ضرب مصر فی
سنة
١٠٢٧

N ·9, Wt. 54·2

312

" "

differently divided.

N ·9

SILVER.

313

Year obliterated.

سلطان
عثمان بن
.

عز نصره
ضرب مصر
سنة
. . . .

Pierced. *R.* ·65

TRIPOLI.

SILVER.

Obv. *Rev.*

314

Year obliterated.

سلطان ضـــرب

خـــان طرابلـــس

عثمان

Æ ·5, Wt. 4

UNCERTAIN.

COPPER.

315

Year obliterated.

سلط[ان] عز نصره

عثمان ضـــرب

بن احمد

Æ ·45

316, 317

" Obscure.

Æ ·4

·4

XV.—MUṢṬÁFA I.

(*SECOND REIGN.*)

A.H. 1031—1032.

CONSTANTINOPLE.

SILVER.

Obv. *Rev.*

318

Second Accession.

Formula B. In centre, مصطفى

١٠٣١

Above, ornament.

Around, سلطان [بن محمد

خان ضرب قسطنطنية]

Pl. V. AR ·7, Wt. 39

319—322

" "

Mint obliterated.

AR ·7
·7
·65
·65

ERZEROOM.

SILVER.

Obv. *Rev.*

323

Second Accession.

Formula B. In centre, مصطفى
١٠٣١

Around, سلطان [بن محمد
خان] ضرب ارزروم

R. ·7, Wt. 34

[EGYPT.]

GOLD.

324

Year obliterated.

Formula B. سلطان
مصطفى بن
محمد خان
عز نصره ضرب
.
. . . .

[Style of Miṣr sequins.]

N ·9, Wt. 51·3

TRIPOLI.

COPPER.

Obv. *Rev.*

325

No year.

سلطـــان
مصطفى
خان

بـلوس
طـــرا
غـرب

Æ ·8

NO MINT.

326

Same as (325). Hexagram.

In centre, obscure word.

Æ ·55

327

" "

(blundered.)

Æ ·45

328

" "

Æ ·4

329

"

Ornament.

ضرب

Æ ·4

XVII.—MURÁD IV.

A.H. 1032—1049.

CONSTANTINOPLE.

SILVER.

Obv. *Rev.*

330

Accession (?)

سلطان
مراد بن احمد خان
in Ṭughrá.

خلد ملكه
ضرب
قسطنطنية
١٠٣x

Pl. V. *Pierced.* R. '65, Wt. '7

331

Same (?).

" "
date obliterated.

R. '6

332

Same.

سلطان
مراد بن
احمد خان

عز نصر[ه]
ضرب
قسطنطنية
١٠٣٢

R. '55

ALEPPO.

SILVER.

Obv. *Rev.*

333

No date.

Ṭughrá. [عـزز]صـره

Ornament.

ضرب حلب

Pierced. Æ. ·8

MINT OBLITERATED.

[*Syrian Style.*]

SILVER.

334

Year obliterated.

Ṭughrá. سـلـطـان مـــر[اد]

خان غازی بن ا[حمد]

خان عز نصره ض[رب]

.

. . . .

Æ. ·75, Wt. ·46

YEMEN.

(*Ṣan'á.*)

SILVER.

Obv. *Rev.*

335

Accession.

سلطان
مراد بن
احمد خان

عز نصره
ضرب
صنعا
١٠٣٢

PL. V. AR. ·45, Wt. ·5

EGYPT.

GOLD.

336—338

Accession.

Formula B.

سلطان مراد بن
احمد خان عز
نصره ضرب فى
مصر سنة
١٠٣٢

AV. ·85, Wt. 52·6
AV. ·85
AV. ·85

TUNIS.

SILVER.

Square.

Obv.

سلطان
مراد بن
احمد خان

In centre, ornament.

Rev.

عز نصره
ب نس
ضر بتو
سنة
١٠٣٣

In centre, ornament.

339, 340

Year 1033.

Pierced. Pl. V. Æ ·55, Wt. 12
Æ ·5

341

Same.

,,

عز نصره
ضر ب
بتو
نس سنة
٣٣

In centre, ornament.

Æ 6

COPPER.

Obv. *Rev.*

342

Year 1041.

سلطان — Within hexagram,

مـــراد خـــان — ١٠٤١

ابن احمد خان — In outer compartments, letters illegible.

Æ ·6

343

Same.

" — "

but خان beneath احمد.

Pl. V. Æ ·55

344

سلطان — عـــز نصره

مراد بن احمد — ضر ب

خان — تـــونـــس

In centre, ornament. — In centre, ornament.

Pl. V. Æ ·5

ALGIERS.

GOLD.

Obv. *Rev.*

345

Year 1040.

Formula B.

سلطان مراد
بن احمد خان
عز نصره فی
جزایر سنة
١٠٤٠

N ·85, Wt. 53 0

346

Year 1041.

Formula B.

سلطان
مراد بن احمد خان
عز نصره ضرب فی
جزایر سنة
١٠٤١

N ·8

XVIII.—IBRÁHEEM I.

A.H. 1049—1058.

CONSTANTINOPLE.

SILVER.

Obv. *Rev.*

347

Accession.

Formula B.

سلطان
ابرهيم بن
احمد خان ضرب
قسطنطنية
١٠٤٩

Pl. V. Æ ·7

348

Same.

Ṭughrá of سلطان ابرهيم بن; beneath, in plain incer., احمد خان

خلد ملكه
ضرب
قسطنطنية
١٠٤٩

Æ ·65, Wt. ·16

349, 350

Same.

,, ,,

Pl. V. Æ ·6, Wt. ·22

Æ ·6

Obv. *Rev.*

351

Accession.

سلطان
ابراهيم بن
احمد خان

عـــز نصره
ضرب
قسطنطنية
١٠٣٩

Pierced. Æ ·5

352

Same.

,, ,,

Æ ·45, Wt. 5

353

Same.

,, ,,
date obscure.

·45

COPPER.

354

Accession.

Formula B.

سلطان
ابـــراهيـــم ابن
احمد خان ضرب
قـــسطـنطـنـيـة
١٠٣٩

Æ ·75

Obv. *Rev.*

355

Year 1054.

Ornament.

ضر
ب
قسطنطنية
١٠٥٤

Ornament in middle of ب

Æ ·55

ÁMID.

SILVER.

356

Accession.

Ṭughrá.

عز [نصره]
ضـــرب
امـــد
١٠٤٩

(ضرب inclosed in border.)

Pierced. Æ ·7, Wt. 17

DAMASCUS.

SILVER.

357

Accession.

In centre, ابراهيـــم

Around, [س]لطان ابن احمـد
خان

In centre, سنة
١٠٤٩

Above, ornament.

Around, عز نصره ضرب دمشق

Pierced. Æ ·7, Wt. 22

EGYPT.

GOLD.

Obv. *Rev.*

358

Accession.

Formula B.

سلطان ابراهيم بن
احمد خان عـــز
نصره ضرب فى
مصر سنة
١٠٣٩

Æ ·85, Wt. 52·8

359

Same.

" "
بن removed to second line.

Æ ·85

SILVER.

360

Accession.

سلطان
ابراهيم بن
احمد خان

خلد ملكه
ضرب مصر
ســـنة
١٠٣٩

R ·55, Wt. 9

TUNIS

GOLD.

Obv. *Rev.*

361

Accession ?

Formula B. سلطان

(ابن with ا). ابـــر ابـــن

اهـــيـــم

خـــان ضـــرب

احمد عز نصره فى

تـــونـــس

ســـنة

١٠٧٩

Pierced. *N* ·9, Wt. 47·7

COPPER.

362—364

Accession.

سلطان Within hexagram,

ابـــراهـــيـــم ٩ ٤

بن احـــمـــد

Æ ·5

·5

·5

FES (?).

GOLD.

Obv. *Rev.*

865

Year 1056.

سلطان	سلطان
ابـــرهيم ابـــن	الـــبـــريـــن و
احمد خان ضرب	لبحرين (*sic*) عزا
فـــس (؟) فى (؟)	لـــغـــصـــر (*sic*)
١٠٥٦	

N ·8, Wt. 46·9

XIX.—MOḤAMMAD IV.

A.H. 1058—1099.

CONSTANTINOPLE.

GOLD.

Obv. *Rev.*

366

Accession.

Formula B.

سلطان محمد
بن ابراهيم خان
عز نصره ضرب فى
قسطنطنية
١٠٥٨

Pierced N ·9

367

Same.

" "

PL. V. *N* ·9

368

Same.

" "

but ابرهيم

N ·9

SILVER.

Obv. *Rev.*

369

Year obliterated.

سلطان — عـــز نصـ[ره]

محـــمـد بـن — ضـــــرب

[ا]برهيم خا[ن] — قسطنطنية

. . .

Æ ·4, Wt. 5

370

Same.

" "

Æ ·45

371

Same.

" "

Mint obliterated.

Æ ·45

DAMASCUS.

SILVER.

372

Accession.

Ṭughrá. خلد ملكه

ضـــــرب

دمـشـــق

١٠٥٨

Pl. V. Æ ·65, Wt. 19

ALEPPO.

SILVER.

Obv. *Rev.*

373

Accession.

Ṭughrá.

عـــز نـصره

ضـــــــرب

١٠٥٨

[حـ]ـلـــب

Æ ·7, Wt. 39

BAGHDÁD.

SILVER.

374

Accession.

Ṭughrá.

سـلطان مـحـ[مـد]

بن ابراهيم خـان

عـز نصره ض[ر]ب

بـــغـــداد

١٠٥٨

Æ ·75, Wt. 45

375

Same.

Formula B.

Æ ·7

EGYPT.

GOLD.

Obv. *Rev.*

376

Accession.

Formula B.

سلطان محمد بن
ابراهيم خان عز
نصره ضرب فى
مصر سنة
١٠٥٨

N ·9, Wt. 53·2

SILVER.

377

Accession.

سلطان
محمد بن
ابرهيم خان

.
ضرب مصر
سنة
[١]٠٥٨

R. ·7, Wt. 12

TRIPOLI.

GOLD.

Obv. *Rev.*

378, 379

Year 1078.

Formula A.

سلطان محمد
بن ابراهيم
خان عز نصره
ضرب فى
طرابلوس غرب
سنة
١٠٧٨

Pl. V. *Pierced.* *N* ·95, Wt. 48·7
N ·9

380

Year 1098.

„

سلطان
محمد خان
ضرب عز نصره فى
طرابلوس غرب
سنة
١٠٩٨

Pierced. *N* ·7, Wt. 24·2

SILVER.

Obv. *Rev.*

381

Year 1083.

سلطان
محمد خان
بن ابراهيم
خان

ضرب
طرابلس
غرب
سنة
١٠٨٣

Pl. V. Æ ·8, Wt. 23

COPPER.

382, 383

Year [1]078.

سلطان
محمد
بن ابراهيم خان

فى طرابلوس
غرب
٠٧٨
سنة

Æ ·6
Æ ·6

384

Year [10]91.

"

"

Date ٩١

Æ ·6

Obv. *Rev.*

385

Year [10]94.

Same as (382). Within hexagram,

غـــرب

٩٤

Æ ·45

386

Year [10]98

" Within octogram,

بلو

طـــرا س

٩٨

غـــر ب

Æ ·5

TUNIS.

GOLD.

387

Year 1091.

Formula A. سلطان

محـمد بن ابراهيم

خان عز نصره ضرب

فى تـــونـــس

سنـــة

١٠٩١

Pierced. Æ ·9, Wt. 49·2

SILVER.

Obv. *Rev.*

388

Year 1066.

Ṭughrá. عز نصره
ضرب فی
تونس
سنة
١٠٦٦

Pl. V. Æ ·75, Wt. 46

COPPER.

389

Year 1060.

سلطان ضرب
محمد بن تو نس
ابراهيم فی سنة
In centre, ن ١٠٦٠

Æ ·65

390

Year 1085.

" "
Date ١٠٨٥

Pl. V. Æ ·6

391

Year 1090.

" "
Date ١٠٩٠

Æ ·6

ALGIERS.

GOLD.

Obv. *Rev.*

392

Year 1078.

Formula B.

(ابن سلطان)

سلطان
محمد ابن ابراهيم
خان عز نصر[ه] ضرب
١٠٧٨ سنة فى
جزاير غرب

Pierced. *N* ·85, Wt. 53·7

UNCERTAIN.

COPPER.

393

سلطان
محمد خان

Hexagram,
In centre, ٤ .

Æ ·5

394

„

Hexagram.

Æ ·4

THE NEW COINAGE.

XX.—SULEYMÁN II.

A.H. 1099—1102.

CONSTANTINOPLE.*

SILVER.

Piastre.

Obv. *Rev.*

395

Accession.

Formula B.

السلطان سليمان
بن ابراهيم خان
دام ملكه ضرب فى
قسطنطينية
١٠٩٩

Pl. VI. Æ 1·6, Wt. 293·5

396

Zolota.

Same.

" "

but سلطان

Æ 1·3, Wt. 223·0

* Hitherto this mint has always been spelt قسطنطنية on the coins: henceforth the modern spelling with a second ي, قسطنطينية, is found almost universally.

Akcheh.

Obv. *Rev.*

397

Accession.

[سلطان] [عز نصر[ه]

سليمان بن ضرب

ابرهيم خان قسطنطينية

[١٠]٩٩

PL. VI. Æ ·65, Wt. 2·5

398

Obscure. ,,

Æ ·4, Wt. 2·5

COPPER.

399

Accession.

Ṭughrá. ضرب فى

قسطنطينية

١٠٩٩

Æ ·75

400

,, ,,

PL. VI. Æ ·75

SERÁÏ.

COPPER.

Obv. *Rev.*

401

Year 1100.

Ṭughrá. ضرب فى
سراى
١١٠٠

Pl. VI. Æ ·75

VÁN?

COPPER.

402

Year 1100.

سلطان الله
سليمان ضرب
بن ابراهيم وان
خان سنة
١١٠٠

Æ ·7

BAGHDÁD.

SILVER.

Obv. *Rev.*

403

Accession.

Ṭughrá.

بن ابراهيم خان

عز نصره ضرب

بغداد

١٠٩[٩]

R. ·75, Wt. 43·5

EGYPT.

GOLD.

Sequin Fundukli.

404, 405

Accession.

Formula B. سلطان سليمان

بن ابرهيم خان

عز نصره ضرب فى

مصر سنة

٩٩[١٠]

Pierced. N ·9

N ·95, Wt. 53·2

TRIPOLI.

COPPER.

Obv. *Rev.*

406

Year 1102.

سلطان . . .

سلـ طـرابلـوس

. غرب ١١٠٢

Æ. 5

TUNIS.

GOLD.

Sequin F.

407

Accession.

Formula A.

سلطان

سليمان بن

خان ابراهيم

عز نصره ضرب فى

تونس

٩٩٠ (*sic*)

Pierced. PL. VI. *N.* 9, Wt. 50

XXI.—AḤMAD II.

A.H. 1102—1106.

CONSTANTINOPLE.

SILVER.

Piastre.

Obv. *Rev.*

408

Accession.

Formula B.

السلطان احمد
بن ابراهيم خان
دام ملكه ضرب فى
قسطنطينية
١١٠٢

Æ 1·55, Wt. 300

Yigirmlik.

409

Same.

" "

Pl. VI. Æ 1·15, Wt. 146

COPPER.

410

Accession.

Ṭughrá.

ضرب فى
قسطنطينية
١١٠٢

Æ ·75

EGYPT.

GOLD.

Sequin F.

Obv. *Rev.*

411

Accession.

Formula B.

[سلطان احمد]
بن ابرهيم خان
عز نصره ضرب فى
مصر سنة
١١٠٢

Twice pierced. *N* ·95

412

Year 1103.

" "

Date ١١٠٣

N ·95, Wt. 53·0

XXII.—MUṢṬAFÁ II.

A.H. 1106—1115.

CONSTANTINOPLE.

GOLD.

Sequin F.

Obv. *Rev.*

413, 414

Accession.

Formula B. Ṭughrá.

عز نصره ضرب فی

قسطنطينية

١١٠٦

Pierced. *N* 1·15, Wt. 50·8

Pz. VI. *N* ·85, Wt. 53·7

SILVER.

Piastre.

415

Accession.

Formula B. السلطان

مصطفى بن محمد خان

دام ملكه ضرب فى

قسطنطينية

١١٠٦

R 1·6, Wt. 310

Obv. *Rev.*

416

Accession.

Similar to (415). Similar to (415).

Æ 1·55, Wt. 298

417

" "

Æ 1·6, Wt. 293

418

" "

[Struck over dollar of Emperor Matthias I., part of the legend of which is legible on either side.]

Pl. VI. Æ 1·55, Wt. 306

419

" Ṭughrá.

دام ملكه ضرب فى

قسطنطينية

١١٠٦

[Struck over dollar of William I., of Orange, part of the legend of which is legible on either side.]

Pl. VI. Æ 1·65, Wt. 419

Yigirmlik.

420

Same.

" Similar to (415).

Æ 1·2, Wt. 150

Onbeshlik?

Obv. *Rev.*

421

Accession.

Similar to (415). Similar to (419).

Twice pierced. (Much worn.) Æ 1·15, Wt. 94

COPPER.

422

Accession.

Similar. Similar to (415).

Æ 1·2

ADRIANOPLE.

SILVER.

Piastre.

423

Accession.

Similar. Similar to (415):

but last lines

ادرنة

سنة

١١٠٦

Æ 1·6, Wt. 302

Obv. *Rev.*

424

Accession.

Similar to (420). Similar to (423).

Æ 1·55, Wt. 301

Yigirmlik.

425, 426

Same,

" "

Æ 1·2, Wt. 153

Æ 1·1, Wt. 155

Para.

427

Same.

سلطان
مصطفى بن
محمد خان

عز نصره ضرب فى
ادرنـــة
ســـنـــة
١١٠٦

Pierced. Æ ·8, Wt. 11

COPPER.

428

Accession.

Similar to (420.) Similar to (423.)

Æ 1·45

SMYRNA.

GOLD.

Sequin F.

Obv. *Rev.*

429

Accession.

Formula B. Similar to (413):
but last lines

أزمير سنة

١١٠٦

Æ ·85, Wt. 53

SILVER.

Piastre.

430, 431

Accession.

,, Similar to (415);
but last lines as (429).

Æ 1·5, Wt. 309

Æ 1·45, Wt. 295

EGYPT.

GOLD.

Sequin F.

432

Accession.

Formula B. Similar to (413):
but last lines

سنة

مصر ١١٠٦

Æ ·85, Wt. 53·5

TRIPOLI.

SILVER.

Obv. *Rev.*

2 Para?

433

Year 1108.

[س]لطان	ضـــرب
[مص]طفى خان	طـــرابلـس
[م]ن محـــمد	ســـنـــة
خان	١١٠٨

Æ ·8, Wt. 23

TUNIS.

COPPER.

434

Year 1112.

سلطان	ضـــرب
مصطفى بن	تـــونـــس
محمد خان	فى
	١١١٢

Æ ·7

435

Year 1115.

" "

Date ١١١٥

Æ ·65

XXIII.—AḤMAD III.

A.H. 1115—1143.

CONSTANTINOPLE.

GOLD.

Obv. *Rev.*

(*Ornamental Piece.*)

436

Accession.

Formula B. Ṭughrá.

عز نصره ضرب فی

قسطنطينية

١١١٥

(*Set in collar, with ring.*) *N* 1·75, Wt. 440·8

Sequin F.

437—440

Same.

,, ,,

Pierced. *N* 1·0, Wt. 53·7

Twice pierced. *N* 1·05

Thrice pierced. *N* 1·1

N ·9, Wt. 53·7

SILVER.

Piastre.

Obv. *Rev.*

441, 442

Accession.

Formula B. Ṭughrá.

Beneath, ح ضرب فى
قسطنطينية
١١١٥

Pl. VII. Æ. 1·55, Wt. 415
Æ. 1·45, Wt. 389

Zolota.

443

Same.

" السلطان
Beneath, ه احمد بن محمد خان
دام ملكه ضرب فى
قسطنطينية
١١١٥

Pl. VII. Æ. 1·45, Wt. 209

444, 445

" "

Beneath (444), ه

Beneath (445), د

Æ. 1·45, Wt. 293
Æ. 1·5, Wt. 309

Obv. *Rev.*

446

Accession.

Formula B. Similar to (443).

Beneath, ه

(*Copper, once plated?*) Æ 1·45

Yigirmlik.

447

Same.

" Similar to (441.)

Beneath, nothing.

Pl. VII. Æ 1·15, Wt. 198

448

" "

Beneath, ح

Æ 1·15, Wt. 204

Onbeshlik.

449

Same.

" Similar to (443.)

Beneath, ه

Pl. VII. Æ 1·15, Wt. 165

450

" "

Beneath, عد

Æ 1·15, Wt. 150

Onlik.

451

Same.

" Similar to (441).

ى over ابن

Beneath, nothing.

Pl. VII. Æ ·95, Wt. 100

Obv.	*Rev.*
452	
Accession.	
Formula B.	Similar to (441).
ابن over ح	Æ ·9, Wt. 99
453	
,,	,,
ابن over س	Æ ·95
454	
,,	,,
ابن over ص	Æ ·9
Beshlik.	
455, 456	
Same.	
,,	,,
Same letter.	Pl. VII. Æ ·75, Wt. 52
	Æ ·75, Wt. 56
Para.	
457	
Same.	
Ṭughrá.	ضرب فى قسطنطينية ١١١٥ د
	Pl. VII. Æ ·6, Wt. ·9

Obv. *Rev.*

458

Accession.

Ṭughrá. Similar to (457):

س instead of د

Æ. ·6, Wt. 9

459

" "

No letter.

Æ. ·6, Wt. 9

460

" "

ب after date.

Pierced. Æ. ·55, Wt. 9

461

" "

س after date.

Æ. ·55, Wt. 10

462

" "

ق after date.

Æ. ·55, Wt. 10

Akcheh.

463

Same.

" "

د after date.

Pl. VII. Æ. ·4, Wt. 3

Obv. *Rev.*

464

Accession.

Ṭughrá. Similar to (457) :

ب after date.

Æ ·4, Wt. 3

465

" "

ر ا after date.

Æ ·4, Wt. 3

466

سلطان عـــز نصره

احمد بـــن ضـــرب فی

محمد خان قسطنطينية

١١١٥

Pierced. Æ ·45, Wt. 4

467

" "

ر after date.

Æ ·45, Wt. 5

468

" عز نصره صر

قسطنطينية

١١١٥

Æ ·4, Wt. 2

Obv. *Rev.*

469

Accession.

Similar to (466). Similar to (468).

Æ ·35, Wt. 3

470, 471

" "

س after date.

Æ ·35, Wt. 2

Æ ·35, Wt. 2

ISLÁMBÓL.

GOLD.

Sequin F.

472

Accession.

Ṭughrá. ضرب فى

اسلامبول

١١١٥

Above, مد

Pierced. Æ ·75, Wt. 53

473

" "

Above, ص (?)

Pl. VII. Æ ·75

Half-Sequin F.

474

Same.

" "

Above, مد

Pl. VII. *Pierced.* Æ ·75, Wt. 26

Sequin Zer Mahboob.

Obv. *Rev.*

475

Year 1123.

Formula B. Ṭughrá.

ع over ابن عز نصره ضرب فی

اسلامبول

۱۱۲۳

Pl. VII. *N* ·75, Wt. 69

Half-Sequin Z. M.

476

Accession.

" "

ص over ابن Date ۱۱۱۵

Pl. VII. *N* ·6, Wt. 20

SILVER.

Para.

477

Accession.

Ṭughrá. فی

اسلامبول

۱۱۱۵ د

Pierced. *R* ·5, Wt. 6

Obv. *Rev.*

478

Accession.

Ṭughrá. Similar to (477):

ر after date.

Pl. VII. Æ ·5 Wt. 4

479

" "

ق after date.

Æ ·5 Wt. 6

TIFLEES.

GOLD.

Sequin F.

480

Accession.

Ṭughrá. ضرب فی

تفليس

١١١٥

ح above (?)

Æ ·75, Wt. 54

SILVER.

Onlik.

481

Accession.

Formula B. Ṭughrá.

ضرب فی

تفليس

١١١٥

Æ 1·0, Wt. 82

ERIVÁN.

SILVER.

Onlik.

Obv. *Rev.*

482

Accession.

Formula B. Ṭughrá.

ضرب فی

[ا]روان

١١١٥

Æ. 1·0, Wt. 85

KENJEH.

SILVER.

Onlik.

483

Accession.

ḥrá.

ضرب فی

كنجة

١١١٥

Above, م

Pl. VIII. Æ. 1·1, Wt. 82

TEBREEZ.

SILVER.

Onlik.

484

Accession.

Ṭughrá.

ضرب فی

تبريز

١١١٥

Above, ى

Æ. 1·0, Wt. 82

Obv. *Rev.*

485

Accession.

Formula B: Ṭughrá.

ابن over ی ضرب فی

تبریز

١١١٥

Æ ·95, Wt. 79

Beshlik.

486

Date obliterated.

" "

Pierced. Æ ·8, Wt. 36

EGYPT.

GOLD.

Sequin F.

487

Accession.

Formula B: Ṭughrá.

ابن over ے عز نصره ضرب فی

مصر سنة

١١١٥

Pierced. Æ ·95, Wt. 52

488, 489

" "

Nothing over ابن

Pierced. Æ ·9, Wt. 53

Æ ·85, Wt. 54

Obv. *Rev.*

489*a*

Accession.

Ṭughrá.

ضرب فى
مصر
سنة
١١١٥

Æ ·75, Wt. 53

SILVER.

Para.

490, 491

Accession.

[سلطان] [ه]عز نصر

احمد بن [ر]ضرب مص

محمد خا[ن] ١١١٥

Pierced. Æ ·65, Wt. 8

Pierced. Æ ·6, Wt. 14

492, 493

Same.

Ṭughrá.

ضرب فى
مصر
سنة
١١١٥

Pl. VIII. *Pierced* Æ ·6, Wt. 8

Pierced. Æ ·55, Wt. 6

COPPER.

Obv.	*Rev.*
494, 495	
Accession.	
Ṭughrá.	فـــى مصـر ١١١٥

Æ ·75
Æ ·8

TRIPOLI.

COPPER.

496

Accession.

السلطان	ضرب فى
احمد خان ابن	طرابلس
السلطان محمد	غـــرب
خان	١١١٥

Æ ·95

497

,, (بن) ,,

Æ ·85

TUNIS.

GOLD.

Half-Sequin F.

Obv. *Rev.*

498

Year 1140.

السلطـــان
احمد بن محمد
خـــــــان
عـــز نـــصـــره

ودام
ملكه ضرب فى
تـونـس ١١٤٠

Pl. VIII. *Twice pierced.* *N* ·75, Wt. 24

SILVER.

Onlik.

499

Year 1140.

سلطان
البريـن وخاقان
البحرين السلطان
٤٠ احمد ١١

بن محمد
خان عـــز نصره
ضـــرب فـــى
نونس

R ·95, Wt. 88

500

" "

Beneath, ١١٤٠

Pierced. *R* ·95, Wt. 90

501

Year 1141.

" Similar to (499).

Date ١١٤١, at left of احمد

R ·95, Wt. 90

XXIII.—MAḤMOOD I.

A.H. 1143—1168.

ISLÁMBÓL.

GOLD.

Six Sequin Piece Z.M. (?)

Obv. *Rev.*

502

Accession.

Ṭughrá. ضرب فی
اسلامبول
١١٤٣

Above, عـ

(*Broad ornamented border.*) *Pierced.* *N* 1·8, Wt. 244

Double Sequin Z.M.

503

Same.

" "

(*Broad ornamented border.*) *Pierced.* *N* 1·2, Wt. 75

504

" "

Above, عب

(*Border of buds.*) *Pierced.* *N* 1·1, Wt. 80

Obv. *Rev.*

505

Accession.

Ṭughrá. Similar to (502):

Above, ص

(*Ornamented border.*) *Pierced.* *N* 1·05, Wt. 80

506

" "

Above, م

N ·95

507

" "

(*Plain.*) *Pierced.* *N* ·95, Wt. 67

Sequin F.

508

Same.

" "

Above, ص

(*Ornamented.*) *Pierced.* *N* ·75, Wt. 53

Half-Sequin F.

509

Same.

" "

Above, ص

N ·55, Wt. 27

510

" "

Above, ه

Pierced. *N* ·55, Wt. 27

Sequin Z.M.

Obv. *Rev.*

511, 512

Accession.

Formula B: Ṭughrá.

ع over ابن عز نصره ضرب فی اسلامبول ١١٤٣

N ·75, Wt. 40

N ·75, Wt. 40

513

" "

مـ over ابن

N ·75, Wt. 40

Half-Sequin Z.M.

514, 515

Same.

" "

Twice-pierced. *N* ·7, Wt. 20

Pierced. *N* ·7, Wt. 20

CONSTANTINOPLE.

SILVER.

Piastre.

Obv. *Rev.*

516, 517

Accession.

Formula B: Ṭughrá.

ابن over عا

ضرب فـــى
قسطنطينية
١١٤٣

Æ 1·6, Wt. 362

Æ 1·5, Wt. 363

518

" "

ابن over عب

Æ 1·5, Wt. 366

519

" "

ابن over ق

Æ 1·55, Wt. 371

Zolota.

520

Same.

" "

ابن over عا

Æ 1·45, Wt. 289

Yigirmlik.

Obv. *Rev.*

521

Accession.

Formula B: Same as (516).

ابن over عا

Æ. 1·2, Wt. 186

522, 523

ابن over ق

Æ. 1·2, Wt. 180

Æ. 1·2, Wt. 176

Onlik.

524

Same.

" "

ابن over صـ

Æ. 1·0, Wt. 97

525

" "

ابن over عا

Æ. ·95, Wt. 91

Beshlik.

526

Same.

" "

ابن over ع

Æ. ·75, Wt. 49

527

" "

ابن over عا

Æ. ·75, Wt. 39

Obv.		*Rev.*
	528	
	Accession.	
Formula B:		Same as (516).
ابن over عب		
		Pierced. Æ ·75, Wt. 40
	529	
,,		,,
ابن over ق		
		Pierced. Æ ·8, Wt. 38
	Para.	
	530	
	Same.	
Ṭughrá.		ضرب فى قسطنطينية ٣٤١ ص
		Æ ·65, Wt. 10
	531, 532	
,,		,,
		عا after date.
		Æ ·65, Wt. 13
		Pierced. Æ ·65, Wt. 9
	533	
,,		,,
		ق after date.
		Æ ·6, Wt. 9
	Akcheh.	
	534	
	Same.	
,,		,,
		را after date.
		Pierced. Æ ·45, Wt. 3

Obv. *Rev.*

535, 536

Accession.

Ṭughrá. Same as (530):

ع after date

Æ. ·45

Æ. ·45, Wt. 3

537

" "

ق after date.

Æ. ·45, Wt. 3

KENJEH.

SILVER.

Beshlik.

538

Accession.

Ṭughrá. ضرب فى
كنجة
١١٤٣

Æ. ·7, Wt. 42

TIFLEES.

SILVER.

Onlik.

539

Accession.

Ṭughrá. ضرب فى
تفليس
١١٤٣

Æ. ·85, Wt. 84

DIYÁRBEKR.

COPPER.

Obv. *Rev.*

540

Year 1146 (?)

سلطان	مصطفى
البرين وخاقان	خان عز نصره
البحرين السلط[ا]ن	ضرب فى
محمود بن	١١٤٦ (؟)
	امد

Æ 7

EGYPT.

GOLD.

Triple Sequin Z.M.

541

Accession.

Formula B. Ṭughrá: at left يا

ابن over ع عز نصره ضرب فى

مصر سنة

١١٤٣

Pl. VIII. *Pierced.* Æ 1·4, Wt. 117

Sequin Z. M. ⅀

Obv. *Rev.*

542

Accession.

Formula B: Similar to (541):

ابن over راعب without يا

Pierced. *N* 1·0, Wt. 39

543

" "

ابن over ع

Pierced *N* 1·0, Wt. 39

544

" "

Ornament over ابن

Pierced. *N* 1·0

545

" "

At left of Ṭughrá, ⁂

Pierced. *N* ·95

546

" "

At left, م

Pierced. *N* ·95

547

" "

ابن over را At left, د

N ·8, Wt. 40

Obv. *Rev.*

548

Formula B: Similar to (541).

ابن over ص Nothing at left.

Pierced. *N* ·85, Wt. 39

549

Accession.

" "

ابن over ع

N ·8, Wt. 40

Half-Sequin Z. M.

550

Same.

" "

Pierced. *N* ·7, Wt. 12

Sequin F.

551

Accession.

Ṭughrá.

ضرب فى
مصر
سنة
س ١١٤٣

Pierced. *N* 1·0, Wt. 53

552

" "

Without س

Pierced. *N* ·75, Wt. 52

Half-Sequin F.

Obv. *Rev.*

553

Same.

Ṭughrá. Similar to (551):

At left of date, ن

Æ ·65, Wt. 26

SILVER.

Para.

554

Accession.

" "

Nothing at left of date,

but above ٭٭٭

R. ·6, Wt. 6

555

" "

Above, ش

Pierced. *R.* ·7, Wt. 9

556

" "

Above, عبد

Pierced. *R.* ·65, Wt. 9

557

" "

Above, ه (?)

Pierced. *R.* ·65

TRIPOLI.

COPPER.

Obv. *Rev.*

558

No year.

Around arabesque, ضرب فى
سلطان محمود خا[ن] طرابلس
غرب

Æ ·75

TUNIS.

SILVER.

Onlik.

559

Year 1148.

سلطان مصطفى
البرين وخاقان خان عز نصره
البحرين السلطان ضرب فى
محمود بن ١١٤٨
تونس

Æ ·9, Wt. 77

560

Year 1150.

" "

Date, ١١٥٠.

Æ ·95, Wt. 92

[Two Para piece ?]

Obv. *Rev.*

561, 562

Year 1152.

سلطان ١١٥٢

محمود ضرب فی

تونس

R. ·6, Wt. 18

R. ·55, Wt. 16

563

Year 1163.

" "

Date ١١٦٣

Pl. VIII. *R.* ·55, Wt. 15

564

Year 1164.

" "

Date ١١٦٤

Gilt. *R.* ·55, Wt. 16

565

Year 1166.

" "

Date ١١٦٦

R. ·55

566

Year 1167.

" "

سنة

Date ١١٦٧, beneath.

Pierced. *R.* ·55

COPPER.

Obv. *Rev.*

567

Year 1157.

تونس ١١٥٧
سنة
. . . .

Æ ·55

[*Probably Tunis.*]

568

Year 1151.

سلطان ١١٥١
محمود ضرب
. . . .

Æ ·45

ALGIERS.

GOLD.

Half-Sequin F.

569

Accession.

سلطان وايده
محمود خان ضرب فى
عز نصره جزاير
١١٤٣

AV ·65 Wt. 27

Obv. *Rev.*

570

Year 1147.

Similar to (569). Similar to (569).

Date ١١٤٧

Pl. VIII. *N* ·7, Wt. 36

571

Year 1162.

" "

Date ١١٦٢

Pierced. *N* ·7

572

Year 1163.

" "

Date ١١٦٣

Pierced. *N* ·7

Quarter-Sequin F.

573

Year 1144.

سلطان ضرب

محمود جزاير

١١٤٤

N ·5, Wt. 13

574

Year 1148.

" "

Date ١١٤٨

Pl. VIII. *N* ·45, Wt. 13

Obv. *Rev.*

575

Year 1156.

Similar to (573). Similar to (573).

Date ١١٥٦

Twice-pierced. *N* ·45.

576

Year 1166.

" "

Date ١١٦٦

Twice-pierced. *N* ·5, Wt. 13

XXV.—'OTHMÁN III.

A.H. 1168—1171.

ISLÁMBÓL.

GOLD.

Quadruple Sequin Z.M.

Obv. *Rev.*

577

Accession.

Ṭughrá. ضرب فی
اسلامبول
١١٦٨
Above, ـہ

(*Border of buds.*) *Pierced.* *N* 1·5, Wt. 159

577 *a.*

Double Sequin.

" "

(*Broad ornamented border.*) *Pierced.* *N* 1·25, Wt. 77

578

" "

(*Border of buds.*) *Pierced.* *N* 1·1, Wt. 81

Half-Sequin Z.M.

579

Same.

Formula B: Ṭughrá.
ابن over با عز نصره ضرب فی
اسلامبول
١١٦٨
Pierced. *N* ·7, Wt. 20

CONSTANTINOPLE.

SILVER.

Piastre.

Obv. *Rev.*

580

Accession.

Formula B: Ṭughrá.

ابن over ا ضرب فى
قسطنطينية
١١٦٨

Æ 1·5, Wt. 365

Onlik.

581

Same.

" "

ابن over ح

Æ 1·0, Wt. 73

Beshlik.

582

Same.

" "

ابن over ح

Æ 1·25, Wt. 43

Para.

583

Same.

Ṭughrá. ضرب فى
قسطنطينية
١١٦٨ ص

Pierced. Æ ·65, Wt. 9

584

" "

ا after date.

Pierced. Æ ·45, Wt. 2

EGYPT.

GOLD.

Double Sequin Z.M.

Obv. *Rev.*

585

Accession.

Formula B: Ṭughrá.

ابن over ص عز نصره ضرب فى

مصر سنة

١١٦٨

At left of Ṭughrá, ع

(*Ringed.*) *N* 1·35, Wt. 82

Half-Sequin Z.M.

586

Same.

" "

ابن over س Without ع

Twice-pierced. *N* ·8, Wt. 18

587

" "

ابن over ص

Pierced. *N* ·8, Wt 19

TRIPOLI.

COPPER.

Obv. *Rev.*

588

Accession.

سلطان . . .

خان طرابلس

. ١١٦٨

Ornament in centre.

Æ ·6

ALGIERS.

GOLD.

Half-Sequin F.

589

Year 1170.

سلطان وايده

عثمان خان ضرب فى

عز نصره جزاير

١١٧٠

N ·7, Wt. 26

XXVI.—MUṢṬAFÁ III.

A.H. 1171—1187.

ISLÁMBÓL.

GOLD.

Quadruple Sequin Z.M.

Obv. *Rev.*

590

Year [117]9.

Ṭughrá. ٩
ضـــرب فی
اســـلامبول
١١٧١

Twice-pierced. N 1·4, Wt. 150

Double Sequin Z.M.

591

Year [117]8.

" "

Above, ٨

Pierced. N 1·15, Wt. 74

592

Year [117]9.

" "

Above, ٩

Twice-pierced. 1·15, Wt. 71

Obv. *Rev.*

593

Year [11]80.

Ṭughrá. Similar to (590):

Above, ٨٠

Pierced. *N* 1·15, Wt. 75

594

Year [11]81.

" "

Above, ٨١

Twice-pierced. *N* 1·2, Wt. 71

Sequin F.

595

Year [117]3.

" "

Above, ٣

N ·7, Wt. 54

596

Year [117]5.

" "

Above, ٥

N ·75, Wt. 55

597

Year [117]6.

" "

Above, ٦

N ·75, Wt. 54

Obv. *Rev.*

598

Year [117]7.

Ṭughrá. Similar to (590):
Above, ٧

Pierced. *N* ·8

Half-Sequin F.

599

Year [117]1.

" "

Above, ١

N ·55, Wt. 27

600

Year [117]7.

" "

Above, ٧

N 55. Wt. 27

Sequin Z.M.

601

Year [117]7.

Formula B: Ṭughrá.

٧ over ابن عز نصره ضرب فى
اسلامبول
١١٧١

N ·75, Wt. 40

602

Year [117]8.

" "

٨ at right of last line.

N ·8

Obv. *Rev.*

603

Year [11]84.

Formula B: Similar to (601).

ٱ٨٤ at right of last line.

Pierced. *N* ·8, Wt. 39

Half-Sequin Z.M.

604

Year [117]7.

" "

٧ at right.

Pierced. *N* ·65, Wt. 19

605

Year [11]81.

" "

ٱ٨ | at right.

Twice-pierced. *N* ·7

606

Year [11]82.

" "

ٱ٨ƒ at right.

Pierced. *N* ·7

607

Year [11]84.

" "

ٱ٨٤ at right.

Pierced. *N* ·7

608

Year [11]85.

" "

ٱ٨٥ at right.

N ·75, Wt. 20

Obv. *Rev.*

609

Year [11]86.

Formula B : Similar to (601).

٨٦ at right of last line.

Pierced. N 7

SILVER.

Altmishlik.

610

Year [117]8.

Formula B :

ابن over ٨

السلطان
مصطفى ابن احمد خان
دام ملكه ضـــرب فى
اسلامبول
١١٧١

R 1·75, Wt. 445

Piastre.

611

Year [117]6.

Ṭughrá.

ضرب ٦ فى
اسلامبول
١١٧١

R 1·5, Wt. 297

Obv. *Rev.*

612

Year [11]82.

Ṭughrá. Similar to (611).

Above, ٨٢

Æ 1·5, Wt. 292

613

Year [11]83.

" "

Above, ٨٣

Æ 1·3, Wt. 306

614

Year [11]84.

" "

Above, ٨٤

Æ 1·5, Wt. 288

615

Year [11]85.

" "

Above, ٨٥

Æ 1·5, Wt. 298

Zolota.

616

Year [11]85.

Formula B: Similar to (610).

٨٥ over ابن

Æ 1·45, Wt. 225

Obv. *Rev.*

617

Year [11]86.

Formula B: Similar to (610).

٨٦ over ابن

Æ 1·45, Wt. 212

618

Year [11]87.

" "

٨٧ over ابن

Æ 1·45, Wt. 228

Yigirmlik.

619

Year [117]4.

Ṭughrá. Similar to (611).

Above, ٤

Æ 1·2, Wt. 142

620

Year [11]85.

" "

Above, ٨٥

Æ 1·25, Wt. 148

Onbeshlik.

621

Year [117]2.

Formula B: Similar to (610).

٢ over ابن

Æ 1·1, Wt. 103

Obv *Rev.*

Onlik.

622

Year [117]7.

Ṭughrá. Similar to (611).

Above, ∨

Æ ·95, Wt. 66

623

Year [11]80.

" "

Above, ∧•

Æ ·95, Wt. 69

624

Year [11]81.

" "

Above, ∧|

Æ ·95, Wt. 65

625

Year [11]83.

" "

Above, ∧ᴗ

Pierced. Æ ·95

Obv. *Rev.*

Beshlik.

626

Year [117]1.

Ṭughrá. Similar to (611).

Above, ا

R. 8, Wt. 37

627

Year [11]81.

" "

Above, ٨ا

Pierced. R. 8

Para.

628

Year [117]1.

" "

Above, ا

R. 6, Wt. 8

629

Year [11]84.

" "

Above, ٨ا

R. 6

630

Year [11]85.

" "

Above, ٨٥

R. 6, Wt. 8

Obv. *Rev.*

631

Year [117]7.

سلطان
مصطفى بن
احمد خان
٧

عـــز نصره
ضرب فـــى
اسلامـــبول
١١٧١

Pierced. Æ ·5, Wt. 4

632

Year [11]80.

" "

But beneath, ٨٠

Æ ·5, Wt. 6

Akcheh.

633

Year [11]80.

Ṭughrá.

٨٠ فى ل
اسلامبو
١١٧١

Æ ·45, Wt. 3

634

Year [11]81.

" "

Above, ٨١

Æ ·45, Wt. 3

ALEPPO.

COPPER.

635

Accession.

Ṭughrá.

ضرب فـــى
حـــلـــب
١١٧١

Æ ·8

BAGHDÁD.

COPPER.

Obv. *Rev.*

636

No date.

Ṭughrá. ضرب فى
بغداد

Pierced. Æ 6

EGYPT.

GOLD.

Double Sequin Z.M.

637

Accession.

Formula B: Ṭughrá.

مصـ over ابن عز نصره ضرب فى
مصر سنة
||٧|

N 1·2, Wt. 80

Sequin Z.M.

Obv. *Rev.*

638

Accession.

Similar to (637): Similar to (637).

Æ ·75, Wt. 40

SILVER.

Para.

639

Accession.

Ṭughrá. ضـــرب فى
مـــصـــر
ســـنة
١١٧١

Æ ·6, Wt. 4

640

Year [117]2.

" "

But above, ٢

Æ ·6

641

Year [11]82.

" "

Above, ٨٢

Æ ·6

Obv. *Rev.*

642

Year [11]87.

Ṭughra. Similar to (639).

Above, ٨٧

Æ ·6

COPPER.

643

Year [11]85.

" "

Above, ٨٥

Æ ·7

GOVERNMENT OF 'ALEE BEY IN EGYPT.

A.H. 1182—1186=A.D. 1768—1772.

GOLD.

Double Sequin Z.M.

Obv. *Rev.*

644

Year [11]86.

Formula A: سلطان مصطفى

٨٦ after البحر بن احمد خان عز نصره ضرب فى

مصر سنة

١١٧١

Pierced. *N* 1·35, Wt. 80

Sequin Z.M.

645

Year [11]83.

" "

٨٣ after البحر Above, عا

Pl. VIII. *Pierced.* *N* ·85, Wt. 39

646

Year [11]86.

" "

٨٦ after البحر Without عا

Pierced. *N* ·8, Wt. 37

SILVER.

Piastre.

Obv. *Rev.*

647

Year 1183.

Ṭughrá of Sulṭán. ضرب علي مصر سنة ١١٨٣

('The ب of ضرب serves for the ى of علي.)

Æ. 1·45, Wt. 225

Yigirmlik.

648

Year 1183.

" "

Pl. VIII. Æ. 1·15, Wt. 105

TRIPOLI.

GOLD.

Sequin F.

Obv. *Rev.*

649

Accession.

Formula A: سلطان

but الظفر for النصر. مصطفى بن احمد

Above, crescent within circle. خان عز نصره

ضرب غرب فى

طرابلس

١١٧١

N ·9, Wt. 52

COPPER.

650

No date.

سلطان بلو.

مصطفى طرا

خان غ . .

Æ ·6

651

No date.

„ طرا

بلس

Within hexagram.

Æ ·6

TUNIS.

GOLD.

Sequin Z.M.

Obv. *Rev.*

652

Year 1181.

سلطان
البرين وخاقان
البحرين السلطان
مصطفى خان
عز نصره

صرب فى
تونس
١١٨١

N ·8, Wt. 39

653

Same.

سلطان
البرين والبحرين
السلطان مصطفى
خان عز نصره

,, ,,

N ·75, Wt. 40

Half-Sequin Z.M.

654

Year 1185.

,, ,,

Date ١١٨٥ above, instead of below.

N ·6, Wt. 20

COPPER.

Obv. *Rev.*

655

Accession.

سلطان ۱۱۷۱

مصطفى ضرب فى

خان تونس

Æ ·75

656

Year 1172.

" "

Above, ۱۱۷۲

Æ ·8

657

Year 1173.

" "

Below, ۱۱۷۳

Æ ·8

658

Year 1174.

" "

Below, ۱۱۷٤

Æ ·75

659

Same.

" "

Below, ۱۱۷٤

Æ ·75

660

Year 1175.

" "

Below, ۱۱۷٥

Æ ·8

Obv. *Rev.*

661

Year 1176.

Similar to (655). Similar to (655).

Below, ||V٦

Æ ·8

662

Year 1177.

" "

Below, ||VV

Æ ·8

663

Year 1178.

" "

Below, ||V^

Æ ·85

664

Year 1180.

" "

Below, ||^.

Æ ·8

665

Year 1186.

" "

Above, ||^٦

Æ ·9

666

Year 1187.

" "

Above, ||^V

Æ ·85

667

Year 1188.

" "

Above, ||^^

Æ ·85

Obv. *Rev.*

Small Size.

668

Year 1172.

سلطـــان مصـطفى

ضرب فى تـــونـــس ١١٧٢

Æ ·55

669

Year 1173.

" "

١١٧٣

Æ ·55

670

Year 1174.

" "

١١٧٤

Æ ·5

671

Year 1175.

" "

١١٧٥

Æ ·55

672

Year 1178.

" "

١١٧٨

Æ ·55

673

Year 1173.

ضـــرب

١١٧٣ فى تـــونـــس

Æ ·6

ALGIERS.

SILVER.

Onlik.

Obv. *Rev.*

674

Year 1172.

سلطان
مصطفى خان
عز نصره

ضرب فى
جزايـــر
١١٧٢

enclosed in octagram.

Æ ·8, Wt. 52

675

Year 1182.

" "

١١٨٢

No octagram.

Æ ·85, Wt. 53

Beshlik.

676

Year 1173.

سلطـــان
مصطفى

"
١١٧٣

enclosed in octagram.

Pl. VIII. Æ ·65

677

Year 1185.

" "

١١٨٥

No octagram.

Æ ·7, Wt. 26

XXVII.—'ABD-EL-ḤAMEED I.

A.H. 1187—1203.

ISLÁMBÓL.

GOLD.

Double Sequin Z.M.

Obv. *Rev.*

678

Year of reign 1 (1187).

Ṭughrá. ضرب فى
اسلامبول
١١٨٧

N 1·2, Wt. 80

679

Year of reign 7 (1193).

" "

Above, ٧

Pierced. *N* 1·25, Wt. 79

680

Year of reign 10 (1196).

" "

Above, ١٠

Pierced. *N* 1·2

Obv. *Rev.*

681

Year of reign 11 (1197).

Similar to (678). Similar to (678).

Above, ١١

Pierced. N 1·2

682

Year of reign 15 (1201).

" "

Above, ١٥

Pierced. N 1·15

Sequin Z.M.

683

Year of reign 2 (1188).

Formula B: Ṭughrá.

٢ over ابن عز نصره ضرب فى اسلامبول ١١٨٧

N ·9, Wt. 40

684

Year of reign 5 (1191).

" "

٥ over ابن

Pierced. N ·9

Obv. *Rev.*

685

Year of reign 8 (1194).

Similar to (678). Similar to (678).

٨ over ابن

N ·85

686

Year of reign 9 (1195).

" "

٩ over ابن

Pierced. *N* ·9

Half-Sequin Z.M.

687

Year of reign 1 (1187).

" "

١ over ابن

Pierced. *N* ·75

688

Year of reign 2 (1188)

" "

٢ over ابن

N ·75, Wt. 20

Quarter-Sequin F.

689

Year of reign 2 (1188).

Ṭughrá. ضرب ٢ فى

اسلامبول

١١٨٧

Pierced. *N* ·55

Obv. *Rev.*

690

Year of reign 8 (1194).

Similar to (689). Similar to (689).

Above, ٨

Pierced. N ·55

691

Year of reign 10 (1196).

" "

Above, ١٠

N ·55, Wt. 13

692

Year of reign 11 (1197).

" "

Above, ١١

Pierced. N ·55

693

Year of reign 12 (1198).

" "

Above, ١٢

Pierced. N ·6

694

Year of reign 16 (1202).

" "

Above, ١٦

Pierced. N ·65

CONSTANTINOPLE.

SILVER.

Altmishlik.

Obv. *Rev.*

695

Year of reign 1 (1187).

Formula B: السلطان
ابن over ا عبد الحميد بن احمد خان
دام ملكه ضرب فى
قسطنطينية
١١٨٧

Æ 1·7, Wt. 412

696

Year of reign 9 (1195).

" "
ابن over ٩

Æ 1·75, Wt. 426

697

Year of reign 11 (1197).

" "
ابن over ١١

Æ 1·75, Wt. 414

Piastre.

698

Year of reign 1 (1187).

" Ṭughrá
ابن over ا ضرب فى
قسطنطينية
١١٨٧

Æ 1·45, Wt. 295

Obv. *Rev.*

699

Year of reign 2 (1188).

Similar to (695). Similar to (698).

٢ over ابن

Æ 1·5, Wt. 292

700

Same.

" "

Æ 1·45, Wt. 247

701

Year of reign 3 (1189).

" "

٣ over ابن

Æ 1·5, Wt. 293

702

Year of reign 10 (1196).

" "

١٠ over ابن

Æ 1·5, Wt. 272

703

Year of reign 13 (1199).

" "

١٣ over ابن

Æ 1·55, Wt. 274

Zolota.

704

Year of reign 1 (1187).

" Similar to (695).

١ over ابن

Æ 1·4, Wt. 224

Obv. *Rev.*

705

Year of reign 2 (1188).

Similar to (695). Similar to (695).

ابن over ٢

Æ 1·45, Wt. 224

Yigirmlik.

706

Year of reign 2 (1188).

" Similar to (698).

ابن over ٢

Æ 1·25, Wt. 148

Onlik.

707

Year of reign 2 (1188).

" "

ابن over ٢

Æ ·95, Wt. 66

708

Year of reign 6 (1192).

" "

ابن over ٦

Æ ·95, Wt. 69

709

Year of reign 9 (1195).

" "

ابن over ٩

Æ ·95, Wt. 70

Obv. *Rev.*

710

Year of reign 10 (1196).

Similar to (695). Similar to (698).

١٠ over ابن

Pierced. Æ. ·95

711

Year of reign 16 (1202).

" "

١٦ over ابن

Æ. ·95, Wt. 65

Beshlik.

712

Year of reign 2 (1188).

" "

٢ over ابن

Æ. ·75, Wt. 35

713

Year of reign 5 (1191).

" "

٥ over ابن

Æ. ·8, Wt. 37

714

Year of reign 9 (1195).

" "

٩ over ابن

Æ. ·8

Obv. *Rev.*

715

Year of reign 14 (1200).

Similar to (695). Similar to (698).

ابن over ع ا

Æ ·8

Para.

716

Year of reign 1 (1187).

Ṭughrá. ضرب فى
قسطنطينية
١١٨٧

Æ ·6, Wt. 8

717

Year of reign 2 (1188).

" "

Above, ٢

Æ ·6, Wt. 8

718

Year of reign 4 (1190).

" "

Above, ٤

Æ ·8

719

Year of reign 6 (1192).

" "

Above, ٦

Æ ·6

Obv. *Rev.*

720

Year of reign 12 (1198).

Ṭughrá. Similar to (716).

Above, ١٢

Æ ·6

Akcheh.

721

Year of reign 2 (1188).

" "

Above, ٢

Æ ·45, Wt. 2

722

Year of reign 3 (1189).

" "

Above, ٣

Æ ·45, Wt. 2

723

Year of reign 11 (1197).

" "

Above, ١١

Æ ·45

724

Year of reign 13 (1199).

" "

Above, ١٣

Æ ·45

Obv. *Rev.*

725

Year of reign 14 (1200).

Ṭughrá. Similar to (716).

Above, ١٤

Æ ·45

COPPER.

726

Year of reign 1 (1187).

Similar to (698). Similar to (698).

ا over ابن

Æ 1·5

727

Year of reign 2 (1188).

" "

٢ over ابن

Æ 1·5

BAGHDÁD.

SILVER.

Onlik.

728

Year of reign 9 (1195).

السلطان	ضربٌ فى
عبد	بغداد
الحميد	سنة
خان	١١٨٧

Pl. VIII. Æ 1·05, Wt. 68

Beshlik.

Obv. *Rev.*

729

Year of reign 9 (1195).

Similar to (728). Similar to (728).

Æ ·85, Wt. 33

EGYPT.

GOLD.

Sequin Z.M.

730

Year of reign 2 (1188).

Formula B. Ṭughrá.

ابن over ٢ عز نصره ضرب فى
مصر سنة
١١٨٧

Pierced. *Æ* 1·1, Wt. 39

731

Same year.

" السلطان
عبد الحميد بن احمد خان
عز نصره ضرب فى
مصر سنة
١١٨٧

Æ ·85, Wt. 40

Half-Sequin Z.M.

Obv. *Rev.*

732

Same year.

Similar to (730). Similar to (731).

Æ ·8, Wt. 20

SILVER.

Para.

733

Accession (1187).

Ṭughrá. ضرب فى
مصر
سنة
١١٨٧

Æ ·6, Wt. 7

734

Same.

" "

Uncertain sign above.

Æ ·6

TRIPOLI.

GOLD.

Sequin Z.M.

Obv. *Rev.*

735

Year of reign 7 (1193).

Formula B. Ṭughrá.

At right of lowest line, ٧ ضرب فى
طرابلس
غرب
١١٨٧

Pl. VIII. *N* ·85, Wt. 39

SILVER.

Piastre.

736

Same.

" "

Æ 1·5, Wt. 284

COPPER.

737

Year of reign 1188.

Within octogram, سلطان Within triangle, طرابلس
عبد غرب
الحميد outside, in segments, ١١|٨|٨

Pl. VIII. Æ ·8

Obv. *Rev.*

738

Same year.

Same as *Rev.* Similar to (737).

Æ ·9

TUNIS.

GOLD.

Half-Sequin Z.M.

739

Year 1188.

سلطان البرين والبحرين السلطان عبد الحميد خان عز نصره

ضرب فى تونس ١١٨٨

N ·6, Wt. 20

740

Year 1189.

" "

— Date ١١٨٩

N ·55

COPPER.

741

Year 1198.

سلطان البرين وخاقان البحرين السلطان عبد الحميد خان عز نصره

ضرب فى تونس ١١٩٨ سنة

Æ 1·35

Obv. *Rev.*

Small Size.

742

Year 1188

سلطان
عبد الحم[يد]
خان

١١٨٨
ضرب فى
تـــونـس

Æ ·85

743

Year 1198 ?

" "

Date ١١٩>

Æ ·8

ALGIERS.

GOLD.

Sequin F.

744

Year 1190.

Formula B.

السلطان
عبد الحميد خان
عز نصره ضرب فى
جزاير ١١٩٠

N ·9, Wt. 53

745

Year 1192.

" "

Date ١١٩٢

N ·95, Wt. 52

Obv. *Rev.*

746

Year 1194.

Same as (744). Same as (744).

Date ١١٩٤

Æ 1·0

Quarter-Sequin F.

747

Year 1194.

سلطان ضرب فى

الحميد جزاير

عبد ١١٩٤

Æ ·55, Wt. 13

SILVER.

Onlik.

748

Year 1189.

سلطان ضرب فى

عبد الحميد خان جزاير

عز نصره ١١٨٩

Æ ·8, Wt. 52

Obv. *Rev.*

749

Year 1190.

Similar to (748). Similar to (748).

Date ١١٩٠

Æ. ·8, Wt. 52

750

Year 1196.

" "

Date ١١٩٦

Æ. ·85

Beshlik.

751

Year 1191.

" "

Date ١١٩١

Pl. VIII. Æ. ·7, Wt. 26

752

Year 1192.

" "

Date ١١٩٢

Pierced. Æ. ·65

753

Year 1196.

" "

Date ١١٩٦

Æ. ·7

XXVIII.—SELEEM III.

A.H. 1203—1222.

ISLÁMBÓL.

GOLD.

Double Sequin Z.M.

Obv. *Rev.*

754

Year of reign 1 (1203).

Ṭughrá.

ا
ضرب فی
اسلامبول
١٢٠٣

Thrice-pierced. N 1·2, Wt. 65

Sequin Z.M.

755

Year of reign 6 (1208).

Formula B: Ṭughrá.

٦ over ابن

عز نصره ضرب فی
اسلامبول
١٢٠٣

N ·9, Wt. 37

Obv. *Rev.*

756

Year of reign 8 (1210).

Similar to (755). Similar to (755).

٨ over ابن

N ·9

757

Year of reign 11 (1213).

" "

١١ over ابن

N ·85

758

Year of reign 12 (1214).

" "

١٢ over ابن

N ·85

Half-Sequin Z.M.

759

Year of reign 5 (1207).

" "

٥ over ابن

N ·7, Wt. 18

760

Year of reign 6 (1208).

" "

٦ over ابن

Pierced. N ·7

Sequin F.

Obv. *Rev.*

761

Year of reign 1 (1203).

Ṭughrá. ضرب فى
اسلامبول

In border, beneath, ١٢٠٣

N ·75, Wt. 53

762

Year of reign 2 (1204).

" "

Above, ٢

N ·75

Quarter-Sequin F.

763

Year of reign 1 (1203).

" ضرب فى
اسلامبول
١٢٠٣

Pierced. *N* ·55, Wt. 13

764

Year of reign 3 (1205).

" "

Above, ٣

N ·55, Wt. 13

Obv. *Rev.*

765

Year of reign 4 (1206).

Similar to (763). Similar to (763),

Above, ٤

N ·55

766

Year of reign 5 (1207).

" "

Above, ٥

N ·6

767

Year of reign 6 (1208).

" "

Above, ٦

Pierced. N ·6

768

Year of reign 7 (1209).

" "

Above, ٧

Pierced. N ·55

769

Year of reign 9 (1211).

" "

Above, ٩

At top, عز نصره

Pierced. N ·55, Wt. 11

Obv. *Rev.*

770

Year of reign 10 (1212).

Similar to (763). Similar to (763).

Above, ١٠

At top, عز نصره

Twice-pierced. Æ ·55, Wt. 10

771

Year of reign 11 (1213).

" "

Above, ١١

At top, عز نصره

Twice-pierced. Æ ·55

772

Same year.

" "

Without عز نصره

Pierced, Æ ·6

773

Year of reign 12 (1214).

" "

Above, ١٢

At top, عز نصره

Pierced, Æ ·6

774

Year of reign 13 (1215).

" "

Above, ١٣

At top, عز نصره

Æ ·6

Obv. *Rev.*

775

Year of reign 14 (1216)

Similar to (763). Similar to (763).

Above, ١٤

At top, عز نصره

N ·6

776

Year of reign 16 (1218).

" "

Above, ١٦

At top, عز نصره

Pierced. *N* ·55

777

Same year.

" "

Without عز نصره

Twice-pierced. *N* ·6

778

Year of reign 17 (1219).

" "

Above, ١٧

At top, عز نصره

Pierced. *N* ·6

Obv. *Rev.*

779

Same Year.

Similar to (763). Similar to (778).

Without عز نصره

Twice-pierced. N ·6

780

Year of reign 18 (1220).

" "

Above, ١٨

Without عز نصره

" *Pierced. N* ·6

SILVER.

Yuzlik.

781

Year of reign 2 (1204).

Formula B: Ṭughrá.

٢ over ابن ضرب اسلامبول فى

١٢٠٣

R. 1·75, Wt. 500

782

Year of reign 4 (1206).

" "

٤ over ابن

R. 1·7, Wt. 490

Obv. *Rev.*

783

Year of reign 5 (1207).

Similar to (781) Similar to (781)

٥ over ابن

Æ 1·65, Wt. 489

784

Year of reign 8 (1210).

" "

٨ over ابن

Æ 1·8, Wt. 500

785

Year of reign 10 (1212).

" "

١٠ over ابن

Æ 1·8

786

Year of reign 12 (1214).

" "

١٢ over ابن

Æ 1·8

787

Year of reign 15 (1217).

" "

١٥ over ابن

Æ 1·8, Wt. 493

788

Year of reign 16 (1218).

" "

١٦ over ابن

Æ 1·75

Altmishlik.

Obv. *Rev.*

789

Year of reign 2 (1204).

Tughrá. ٢
ضرب فی
اسلامبول
١٢٠٣

Æ 1·6, Wt. 387

790

Year of reign 3 (1205).

" "

Above, ٣

Æ 1·65, Wt. 390

791

Year of reign 14 (1216).

" "

Above, ١٤

Æ 1·7, Wt. 389

Piastre.

792

Year of reign 1 (1203).

" "

Above ١

Æ 1·45, Wt. 192

Obv. *Rev.*

793

Year of reign 4 (1206).

Similar to (789) Similar to (789)

Above, ≤

Æ 1·45, Wt. 191

794

Year of reign 5 (1207).

" "

Above, ٥

Æ 1·5

Yigirmlik.

795

Year of reign 5 (1207).

" "

Above, ٥

Æ 1·2, Wt. 94

Onlik.

796

Year of reign 1 (1203).

" "

Above, ١

Pierced. Æ ·9

Obv. *Rev.*

797

Year of reign 2 (1204).

Similar to (789) Similar to (789)

Above, ٢

Æ ·9, Wt. 51

798

Year of reign 5 (1207)

" "

Above, ٥

Æ ·9

799

Year of reign 16 (1218).

" "

Above, ١٦

Æ ·9

Beshlik.

800

Year of reign 5 (1207).

" "

Above, ٥

Æ ·75, Wt. 24

Obv. *Rev.*

801

Year of reign 6 (1208).

Similar to (789) Similar to (789)

Above, ٦

Æ ·75

802

Year of reign 8 (1210).

" "

Above, ٨

Æ ·75

Para.

803

Year of reign 4 (1206).

" "

Above, ≤

Pierced. Æ ·6

804

Year of reign 5 (1207).

" "

Above, ٥

Æ ·6, Wt. 4·5

Obv. *Rev.*

805

Year of reign 11 (1213).

Similar to (789) Similar to (789)

Above, ١١

Æ ·6

806

Year of reign 12 (1214).

" "

Above, ١٢

Pierced. Æ ·6

807

Year of reign 13 (1215).

" "

Above, ١٣

Pierced. Æ ·6

Akcheh.

808

Year of reign 1 (1203).

" "

Above, ١

Æ ·45, Wt. 2

COPPER.

Obv. *Rev.*

809

Year of reign 18 (1220).

Similar to (781): Similar to (781).

ابن over ١٨

Æ 1·75

EGYPT.

GOLD.

Half-Sequin Z.M.

810

Accession.

Formula B. Ṭughrá.

ب ? over ابن عز نصره ضرب فى

مصر سنة

١٢٠٣

Pierced. *N* ·75, Wt. 19

811

Same.

,, ,,

اس over ابن

Pierced. *N* ·75

SILVER.

Piastre.

Obv. *Rev.*

812

Year of reign 16 (1218).

Ṭughrá. ضرب فى ١٦
مصر
سنة
١٢٠٣

Æ 1·4, Wt. 174

Yigirmlik.

813

Year of reign 13 (1215).

" "

Above, ١٣

Æ 1·1, Wt. 106

Para.

814

Year of reign 7 (1209).

" "

Above, ٧

Æ ·55, Wt. 3·5

TRIPOLI.

GOLD.

Sequin F.

Obv. *Rev.*

815

Year of reign 15 (1217).

Formula B:

ابن over ١٥

السلطان
سليم خان عز نصره
ضرب طرابلس فى
غرب ١٢٠٣

N ·95, Wt. 53

816

Year of reign 17 (1219).

" "

ابن over ١٧

N ·95

SILVER.

Yigirmlik.

817

Year of reign 14 (1216).

سلطان البرين
وخاقان البحرين
السلطان سليم
خان عز نصره

ضرب فى ١٤
طرابلس
غرب
١٢٠٣

B 1·2, Wt. 116

Beshlik.

Obv. *Rev.*

818

Accession.

سلطان
سليم ابن
مصطفى خان
دام ملكه

Similar to (817): but without year of reign.

Æ 1·0, Wt. 29

819

Year 1210.

" "

date, ١٢١٠

Æ ·85, Wt. 24

820

Year obscure.

" "

date, ١٢xx

Pierced. Æ ·85

TUNIS.

COPPER.

821

Year 1208.

سلطان البرين
وخاقان البحرين
السلطان سليم
خان عز نصره

ضرب فى
تونس
١٢٠٨

Æ 1·35

ALGIERS.

GOLD.

Half-Sequin F.

Obv. *Rev.*

822

Year 1217.

سلطان
سليم خان
عز نصره

ضرب فى
جزاير
١٢١٧

Æ ·75, Wt. 26

Quarter-Sequin F.

823

Year 1213.

سلطان
سليم خان

,,
Date ١٢١٣

Twice-pierced. *Æ* ·65, Wt. 12

SILVER.

824

Onlik.

Year 1222.

سلطان
سليم خان
عز نصره

,,
within octagon,
Date ١٢٢٢

Æ ·8, Wt. 51

Beshlik.

Obv. *Rev.*

825

Year 1207.

Similar to (824). Similar to (822).

Date ١٢٠٧

Æ ·6, Wt. 26

826

Year 1210.

" "

Date ١٢١٠

Æ ·7, Wt. 26

XXIX.—MUṢṬAFÁ IV.

A.H. 1222—1223.

CONSTANTINOPLE.

GOLD.

Sequin F.

Obv. *Rev.*

827

Year of reign 1 (1222).

Ṭughrá. ضرب فى
قسطنطينية
١٢٢٢

N ·75, Wt. 49

Quarter-Sequin F.

828

Year of reign 2 (1223).

" "

Above, ٣

Pierced. *N* ·55, Wt. 11

Sequin Z.M.

Obv. *Rev.*

829

Year of reign 1 (1222).

Formula B: Ṭughrá

ابن over ا ضربٰ فی

قسطنطينية

١٢٢٢

Æ ·85, Wt. 37

Half-Sequin Z.M.

830

Same.

" "

Pierced *Æ* ·7, Wt. 18

SILVER.

Altmishlik.

831

Same.

السلطان

" مصطفى بن عبد الحميد خان

ابن over ا دام ملكه ضرب فی

قسطنطينية

١٢٢٢

R 1·6, Wt. 293

Piastre.

Obv. *Rev.*

832

Same.

Formula B: Ṭughrá

ا over ابن ضرب فى

قسطنطينية

١٢٢٢

Æ 1·35, Wt. 197

Onlik.

833

Same.

" "

Æ ·9, Wt. 50

Beshlik.

834

Year of reign 2 (1223).

" "

٢ over ابن

Æ ·75, Wt. 23

Para.

835

Year of reign 1 (1222).

Ṭughrá. ضربا فى

قسطنطينية

١٢٢٢

Æ ·55, Wt. 6

ALGIERS.

GOLD.

Sequin F.

Obv.

Rev.

836

Accession.

Formula B.

(البرين in second line.)

Within octagon.

السلطان

مصطفى خان

عز نصره ضرب فى

جزاير ١٢٢٢

A ·95, Wt. 52

XXX.—MAḤMOOD II.

A.H. 1223—1255.

CONSTANTINOPLE.

GOLD.

TYPE I.

(*With Ṭughrá on Reverse.*)

Years of reign 1—9.

Sequin Z.M.

Obv. *Rev.*

837

Year of reign 1 (1223).

Formula B: Ṭughrá.

ا over ابن ضرب فى

قسطنطينية

١٢٢٣

Pl. IX. *N* 9, Wt. 37

838

Year of reign 9 (1231).

,, ,,

٩ over ابن

Pierced. *N* 9, Wt. 37

Half-Sequin Z.M.

Obv. *Rev.*

839

Year of reign 1 (1223).

Similar to (837). Similar to (837).

N ·75, Wt. 18

Type revived at various intervals: reduced (Ádlee) standard.

Sequin.

840

Year of reign 17 (1239).

Similar: Similar:

ابن over ١٧ but عدلى to right of Ṭughrá.

Pierced. *N* ·75, Wt. 24

Half-Sequin.

841

Year of reign 22 (1244).

" "

ابن over ٢٢

Thrice-pierced. *N* ·65, Wt. 13

842

Year of reign 29 (1251).

" "

ابن over ٢٩

Pierced. *N* ·6, Wt. 12

Quarter.Sequin F.

Obv. *Rev.*

(Years 1—18.)

843

Year of reign 1 (1223).

Ṭughrá. ضرب فى
قسطنطينية
١٢٢٣

Pierced. *N* ·6, Wt. 12

844

Year of reign 2 (1224).

" "

Above, ٢

N ·55, Wt. 12

845

Year of reign 3 (1225).

" "

Above, ٣

Pierced. *N* ·55

846

Year of reign 4 (1226).

" "

Above, ٤

N ·55

Obv. *Rev.*

847

Year of reign 5 (1227).

Ṭughrá Similar to (843).

Above, ٥

Pl. IX. *N* ·55

848

Year of reign 6 (1228).

" "

Above, ٦

Pierced. *N* ·55

849

Year of reign 7 (1229).

" "

Above, ٧

Pierced. *N* ·55

850

Year of reign 8 (1230).

" "

Above, ٨

Pierced. *N* ·55

851

Year of reign 9 (1231).

" "

Above, ٩

Pierced. *N* ·55

Obv. *Rev.*

852

Year of reign 10 (1232).

Ṭughrá. Similar to (843).

Above, ١٠

Pierced. N ·55, Wt. 13

853

Year of reign 11 (1233).

" "

Above, ١١

Pierced N ·55

854

Year of reign 12 (1234).

" "

Above, ١٢

Pierced. N ·55

855

Year of reign 13 (1235).

" "

Above, ١٣

Pierced. N ·55

856

Year of reign 14 (1236).

" "

Above, ١٤

Over which, عز نصره

N ·55, Wt. 9

Obv. *Rev.*

857

Year of reign 15 (1237).

Ṭughrá. Similar to (843).

Above, ١٥

Over which, عز نصره

Pierced. N ·55

858

Year of reign 16 (1238).

" ضرب فى ١٦
قسطنطينية
١٢٣٨
المحروسة

Pierced. N ·5, Wt. 7

859

Year of reign 17 (1239).

" "

Above, ١٧

Pierced. N ·5

TYPE II.

(Wavy floral border.)

Years 9—13.

Double Sequin Z.M.

Obv. *Rev.*

860

Year of reign 9 (1231).

Ṭughrá. ضرب فى
قسطنطينية
١٢٣٣

Pl. IX. *Pierced. N* 1·1, Wt. 73

861

Year of reign 10 (1232).

" "

Above, ١٠

Pierced. N 1·1

862

Year of reign 11 (1233).

" "

Above, ١١

Pierced. N 1·1

863

Year of reign 12 (1234).

" "

Above, ١٢

Pierced. N 1·1

Half-Sequin Z.M.

Obv. *Rev.*

864

Year of reign 10 (1232).

Ṭughrá. Similar to (860).

Above, ١٠

Pierced. *N* ·75, Wt. 18

865

Year of reign 11 (1233).

" "

Above, ١١

Pierced. *N* ·75

866

Year of reign 13 (1235).

" "

Above, ١٣

Pierced. *N* ·75

TYPE III.

(With Marginal Inscriptions.)

Years 9—15.

Double Sequin Z.M.

Obv. *Rev.*

867

Year of reign 9 (1231).

Margin, *Formula B*: at end ط

Margin, السلطان محمود خان ابن السلطان عبد الحميد خان دام ملكه

In centre, Ṭughrá.

In centre, ضربٌ في قسطنطينية ١٢٢٣

Pl. IX. *N* 1·15, Wt. 74

868

Year of reign 10 (1232).

" "

Above, ١٠

Pierced. *N* 1·15

Sequin Z.M.

869

Year of reign 10 (1232).

" "

Above, ١٠

Pierced. *N* 9, Wt. 36

Obv. *Rev.*

870

Year of reign 11 (1233).

Similar to (867). Similar to (867).

Above, ١١

Pierced. N ·9

871

Year of reign 12 (1234).

" "

Above, ١٢

Pierced. N ·9

872

Year of reign 13 (1235).

" "

Above, ١٣

Pierced. N ·9

873

Year of reign 14 (1236).

" "

Above, ١٤

Pierced. N ·9

874

Year of reign 15 (1237).

" "

Above, ١٥

N ·9

TRANSITIONAL TYPE.

Reduced ('Adlee) Standard.

Years 15, 16.

Sequin.

Obv. *Rev.*

875

Year of reign 15 (1237).

Ṭughrá : at right, عدلى

ضرب فى
١٥
دار الخلافة
١٢٣٣
العلية

Pl. IX. *N* 8, Wt. 24

876

Year of reign 16 (1238).

" "

Above, ١٦

N 75

Half-Sequin.

877

Year of reign 16 (1238).

" "

Above, ١٦

N 6, Wt. 12

Quarter-Sequin.

Obv. *Rev.*

878

Year of reign 15 (1237).

Similar to (875). Similar to (875).

Above, ١٥

Pierced. *N* ·55, Wt. 7

879

Year of reign 16 (1238).

" "

Above, ١٦

N ·5

TYPE IIIA.

(Being Type III. reduced to 'Adlee Standard, and margins altered.)

Years 16—20.

Sequin.

880

Year of reign 16 (1238).

Margin, سلطان سلاطين زمان عدلى محمود خان

In centre, Ṭughrá: at right عدلى

Margin, دام ملكه وسلطنته الى اخر الدوران

In centre, ضرب فى ١٦ قسطنطينية ١٢٢٣ المحروسة

Pierced. *N* ·75, Wt. 25

Obv. *Rev.*

881

Year of reign 17 (1239).

Similar to (880). Similar to (880).

Above, ١٧

Pierced. N ·75

882

Year of reign 18 (1240).

" "

Above, ١٨

N ·75, Wt. 25

883

Year of reign 19 (1241).

" "

Above, ١٩

N ·75

884

Year of reign 20 (1242).

" "

Above, ٢٠

Pierced. N ·75

Half-Sequin.

885

Year of reign 16 (1238).

" "

Above, ١٦

Pierced. N ·6, Wt. 12

Obv. *Rev.*

886

Year of reign 17 (1239).

Similar to (880). Similar to (880).

Above, ١٧

Pierced. N ·65

887

Year of reign 18 (1240).

" "

Above, ١٨

Pierced. N ·65

888

Year of reign 20 (1242).

" "

Above, ٢٠

Twice-pierced. N ·65

Quarter Sequin.*

889

Year of reign 17 (1239).

" "

Above, ١٧

Pierced. N ·5

* The Quarter Sequins generally appear to retain the older type longer than the other denominations.

Obv. *Rev.*

890

Year of reign 18 (1240).

Similar to (880). Similar to (880).

Above, ١٨

N ·5, Wt. 7

891

Year of reign 19 (1241).

" "

Above, ١٩

Twice-pierced. *N* ·5

892

Year of reign 20 (1242).

" "

Above, ٢٠

Pierced. *N* ·5

893

Year of reign 21 (1243).

" "

Above, ٢١

Pierced. *N* ·5

894

Year of reign 22 (1244).

" "

Above, ٢٢

Pierced. *N* ·5

Obv. *Rev.*

895

Year of reign 23 (1245).

Similar to (880). Similar to (880).

Above, ٢٣

N ·5, Wt. 6

896

Year of reign 24 (1246).

" "

Above, ٢٤

Thrice-pierced. *N* ·5

TYPE IV.

(With Cartouches: 'Adlee.)

Years 21—26.

Double Sequin.

897

Year of reign 21 (1243).

In centre, Ṭughrá and عدلى

Around, in three cartouches, divided by sprays, سلطان سلاطين زمان

In centre, ضرب فى قسطنطينية ٦٢ ١٢٤٣

Around, in three cartouches divided by sprays, غازى محمود خان

Pierced. *N* 1·05, Wt. 55

Sequin.

Obv. *Rev.*

898

Year of reign 21 (1243).

Similar to (897). Similar to (897).

Above, ٢١

Pierced. N ·85

899

Year of reign 22 (1244).

" "

Above, ٢٢

N ·85, Wt. 28

900

Year of reign 23 (1245).

" "

Above, ٢٣

PL. IX. *Pierced. N* ·85

901

Year of reign 24 (1246).

" "

Above, ٢٤

Pierced. N ·85

902

Year of reign 25 (1247).

" "

Above, ٢٥

N ·85, Wt. 27

Obv. *Rev.*

908

Year of reign 26 (1248).

Similar to (897). Similar to (897).

Above, ٢٦

Pierced. N ·65

Half-Sequin.

904

Year of reign 21 (1243).

" "

Above, ٢١

N ·65, Wt. 13

905

Year of reign 22 (1244).

" "

Above, ٢٢

Pierced. N ·65

906

Year of reign 23 (1245).

" "

Above, ٢٣

Pierced. N ·65

907

Year of reign 24 (1246).

" "

Above, ٢٤

N ·65, Wt. 14

Obv. *Rev.*

908

Year of reign 25 (1247).

Similar to (897). Similar to (897).

Above, ٢٥

Pierced. N ·7

Quarter-Sequin.

(*Zigzag-border.*)

909

Year of reign 24 (1246).

Ṭughrá, and عدلی ضرب فی ٢٤ قسطنطينية ١٢٢٣

Pierced. N ·5

910

Year of reign 25 (1247).

" "

Above, ٢٥

Pierced. N ·5

911

Year of reign 26 (1248).

" "

Above, ٢٦

Pl. IX. *N* ·45, Wt. ·5

Obv. *Rev.*

912

Year of reign 27 (1249).

Similar to (909). Similar to (909).

Above, ٢٧

Pierced. *N* ·45

TYPE V.

(*Wreath-borders: 'Adlee.*)

Years 26—32.

Sequin.

913

Year of reign 26 (1248).

Ṭughrá, and عدلى ضـــرب فـــى قسطنطينية ١٢٢٣

Pl. IX. *Pierced.* *N* ·8

914

Year of reign 27 (1249).

" "

Above, ٢٧

N ·75, Wt. 24

Obv. *Rev.*

915

Year of reign 28 (1250).

Similar to (913). Similar to (913).

Above, ٢٨

Pierced. N ·6

916

Year of reign 29 (1251).

" "

Above, ٢٩

Pierced. N ·8

917

Year of reign 30 (1252).

" "

Above, ٣٠

Pierced. N ·8

918

Year of reign 31 (1253).

" "

Above, ٣١

Pierced. N ·75

919

Year of reign 32 (1254).

" "

Above, ٣٢

Pierced. N ·8

Half-Sequin.

Obv. *Rev.*

920

Year of reign 26 (1248).

Similar to (913). Similar to (913).

Above, ٢٦

Pierced. N ·65, Wt. 12

921

Year of reign 27 (1249).

" "

Above, ٢٧

Pierced. N ·6

922

Year of reign 28 (1250).

" "

Above, ٢٨

Pierced. N ·6

923

Year of reign 29 (1251).

" "

Above, ٢٩

Pierced. N ·6

Obv. *Rev.*

924

Year of reign 30 (1252).

Similar to (913). Similar to (913).

Above, ٣٠

Pierced. N ·6

925

Year of reign 31 (1253).

" "

Above, ٣١

Pierced. N ·6

926

Year of reign 32 (1254).

" "

Above, ٣٢

Pierced. N ·6

Quarter-Sequin.

927

Year of reign 28 (1250).

" "

Above, ٢٨

N ·5, Wt ·6

928

Year of reign 29 (1251).

" "

Above, ٢٩

N ·6

Obv. *Rev.*

929

Year of reign 31 (1253).

Similar to (913). Similar to (913).

Above, ٣١

Twice pierced. *Æ* ·5

930

Year of reign 32 (1254).

" "

Above, ٣٢

PL. IX. *Æ* ·5, Wt. ·6

SILVER.

TYPE I.

Years 1—15.

Old Beshlik.

931

Year of reign 3 (1225).

Tughrá. ضرب فى
٣
قسطنطينية
١٢٢٣

R 1·6, Wt. 41·0

Obv. *Rev.*

932

Year of reign 7 (1229).

Similar to (931). Similar to (931).

Above, ٧

Æ 1·7, Wt. 398

933

Year of reign 9 (1231)

,,

Above, ٩

Æ 1·65, Wt. 395

Yuzlik.

934

Year of reign 14 (1236).

,, ,,

Above, ١٤

Æ 1·45, Wt. 180

(*Different design.*)

935

Year of reign 1 (1223).

Formula B: Ṭughrá

ابن over ا ضـرب فى

قسطنطينية

١٢٢٣

Æ 1·4, Wt. 179

Altmishlik, or Double Zolota.

Obv. *Rev.*

936

Year of reign 5 (1227).

Formula B: Similar to (935).

ه over ابن

Æ 1·3, Wt. 132

937

Year of reign 6 (1228).

" "

ا over ابن

Æ 1·3, Wt. 133

Piastre.

938

Year of reign 14 (1236).

" "

ا ح over ابن

Æ 1·3, Wt. 90

939

Year of reign 15 (1237).

" "

ا ه over ابن

Æ 1·25, Wt. 96

Yigirmi-paralik.

940

Year of reign 1 (1223).

" "

ا over ابن

Æ ·9, Wt. 48

Obv. *Rev.*

941

Year of reign 2 (1224).

Formula B. Similar to (985).

۲ over ابن

Æ. 9, Wt. 41

942

Year of reign 3 (1225).

" "

۳ over ابن

Ringed. Æ. 85

943

Year of reign 6 (1228).

" "

٦ over ابن

Pierced. Æ. 85

On-paralik.

944

Year of reign 1 (1223).

" "

۱ over ابن

Pl. IX. Æ. 75, Wt. 27

Para.

945

Year of reign 2 (1224).

Ṭughrá. ضـــربٌ فـــی
قـــسطـنطـنیـة
۱۲۲۳

Æ. 55, Wt. 3

TYPE II.

Years 18-19.

Obv. *Rev.*

Altmishlik.

946

Year of reign 18 (1240).

Formula B: السلطان
ابن over ١٨ محمود بن عبد الحميد خان
دام ملكه ضرب فى
قسطنطينية
١٢٤٣

Æ 1·35, Wt. 107

Piastre.

947

Year of reign 19 (1241).

" "
ابن over ١٩

Æ 1·35, Wt. 96

Yigirmi-paralik.

948

Year of reign 18 (1240).

" "
ابن over ١٨

Pl. IX. Æ 1·1, Wt. 53

TYPE III.

Year 21.

On-paralik.

Obv. *Rev.*

949

Year of reign 21 (1243).

Ṭughrá. ضرب فى
قسطنطينية
١٢٤٣

Pl. IX. Æ ·85, Wt. 27

Beah-paralik.

950

Year of reign 21 (1243).

" "

Æ ·7, Wt. 11

TYPE IV.

(*'Adlee.*)

Years 23—30.

A.—BESHLIK SERIES.

New Beshlik.

951

Year of reign 23 (1245).

Ṭughrá, with عدلى to right. ضرب فى
قسطنطينية
١٢٤٣

Æ 1·55, Wt. 243

Obv. *Rev.*

951 *a*

Year of reign 25 (1247).

Similar to (951). Similar to (951).

Above, ٢٥

Æ 2·05, Wt. 253

951 *b*

Year of reign 26 (1248).

" "

Above, ٢٦

Æ 2·05, Wt. 248

Yuzlik.

952

Year of reign 25 (1247).

" "

Above, ٢٥

Æ 1·45, Wt. 117

952 *a*

Year of reign 26 (1248).

" "

Above, ٢٦

Æ 1·35, Wt. 110

Piastre.

953

Year of reign 23 (1245).

" "

Above, ٢٣

Æ 1·05, Wt. 1

Obv. *Rev.*

953 *a*

Year of reign 24 (1246).

Similar to (951). Similar to (951).

Above, ٢٤

Pierced. Æ 1·05, Wt. 43

954

Year of reign 27 (1249).

" "

Above, ٢٧

Æ 1·1, Wt. 44

955

Year of reign 28 (1250).

" "

Above, ٢٨

Æ 1·1, Wt. 51

956

Year of reign 30 (1252).

" "

Above, ٣٠

Pl. IX. Æ 1·1, Wt. 52

Yigirmi-paralik.

957

Year of reign 24 (1246).

" "

Above, ٢٤

Æ ·8, Wt. 22

Obv. *Rev.*

958

Year of reign 25 (1247).

Similar to (951). Similar to (951).

Above, ٢٥

Æ ·8, Wt. 24

959

Year of reign 27 (1249).

" "

Above, ٢٧

Pl. IX. Æ ·8

960

Year of reign 28 (1250).

" "

Above, ٢٨

Æ ·8

961

Year of reign 29 (1251).

" "

Above, ٢٩

Æ ·8

962

Year of reign 30 (1252).

" "

Above, ٣٠.

Æ ·8

Obv. *Rev.*

962 *a*

Year of reign 31 (1253).

Similar to (951). Similar to (951).

Above, ٣١

R. ·8

962 *b*

Year of reign 32 (1254).

" "

Above, ٣٢

R. ·8

On-paralik.

963

" "

Year of reign 22 (1244).

Above, ٢٢

Pierced. R. ·7

963 *a*

Year of reign 29 (1251).

" "

Above, ٢٩

R. ·65, Wt. 14

B.—ALTILIK SERIES.

Altilik.

964

Year of reign 26 (1248).

" "

Above, ٢٦

R. 1·5, Wt. 186

Obv. *Rev.*

964 *a*

Year of reign 28 (1250).

Similar to (951). Similar to (951).

Above, ٢٨

Æ 1·45, Wt. 185

964 *b*

Year of reign 29 (1251).

" "

Above, ٢٩

Pierced. Æ 1·5, Wt. 192

Uchlik.

964 *c*

Year of reign 27 (1249).

" "

Above, ٢٧

Pierced. Æ 1·3, Wt. 93

964 *d*

Year of reign 29 (1251).

" "

Above, ٢٩

Pierced. Æ 1·3, Wt. 90

Altmishlik, or Double Zolota.

Obv. *Rev.*

964 *e*

Year of reign 30 (1252).

Similar to (951). Similar to (951).

Above, ٣٠

Æ. 1·1, Wt. 41

964 *f*

Year of reign 31 (1253).

" "

Above, ٣١

Pierced. Æ. 1·1

Para.

965

Year of reign 25 (1247).

Ṭughrá. "

Without عدلی Above, ٢٥

Æ. ·45, Wt. 1

965 *a*

Year of reign 28 (1250).

" "

Above, ٢٨

Æ. ·5, Wt. 2

Obv. *Rev.*

966

Year of reign 29 (1251).

Similar to (951). Similar to (951).

Above, ٢٩

Æ·5, Wt. 2

COPPER.

967

Year 1247.

سلطـــان ضرب فى

مـــحمود قـــسطينية (*sic*)

١٢٤٧

Æ·6

VÁN.

COPPER.

968

Year 1239?

Tughrá. ضرب فى

وان

١٢٣٩ ?

Æ·6

BAGHDÁD.

Governorship of Sa'eed Páshá.

COPPER.

Obv. *Rev.*

969

Year 1231.

Within octogram,
سعيد
پاشا

ضرب فى
بغداد
١٢٣١

Æ 1·05

970

Same year.

Interlaced lines, representing Sa'eed Páshá's name ? ,,

Æ 1·05

971

Same year.

,, ,,

Æ 1·05

Without Governor's name.

972

Year 1238.

Ṭughrá. ,,

Date ١٢٣٨

Æ ·8

Obv. *Rev.*

973

Year 1240.

Similar to (972) Similar to (972)

,, Date, ١٢٤٠

Æ ·8

974

Year of reign 26 (1248).

Crescent and star. ,,

Above, ٢٦

Date of accession beneath, ١٢٢٣

Æ ·8

975

Year of reign 28 (1250).

Ṭughrá. ,,

Above, ٢٨

Æ ·9

MEKKEH.

COPPER.

976

Accession.

مـــكـــة [١]٢٢٣

Bird to left. Fish to right.

ضـــرب [١]٢٢٣

Æ ·95

EGYPT.

GOLD.

Quarter-Sequin of Type I.

Obv. *Rev.*

977

Year of reign 16 (1238).

Ṭughrá. ضرب فى
مصر
١٢٣٣

Twice-pierced. *N* ·5, Wt. 5

Half-Sequin.

(*Cartouche Type: 'Adlee; see p.* 268.)

978

Year of reign 22 (1244).

Similar to (897). Similar to (897):

but مصر; above, ٢٢

N ·65, Wt. 13

979

Year of reign 26 (1248).

" "

Above, ٢٦

Pierced. *N* ·65

Quarter-Sequin.

(*Wreath border, see p.* 272.)

Obv. *Rev.*

980

Year of reign 22 (1244).

Ṭughrá. ضرب فى
مصـــر
١٢٢٣

Pierced. *N* ·5, Wt. 6

981

Year of reign 24 (1246).

" "

Above, ٢٤

Pierced. *N* ·5

Half-Sequin 'Adlee.

(*Wreath varied.*)

982

Year of reign 29 (1251).

Ṭughrá, with عدلى "

Above, ٢٩

N ·55, Wt. 12

NEW ISSUE.

20 Piastres.

Obv. *Rev.*

983

Year of reign 31 (1253).

Ṭughrá, with عدلی beneath, ش ٢٠ — ضرب فی ٣١ مصر ١٢٢٣

N ·7, Wt. 26

984

Year of reign 32 (1254).

" — " Above, ٣٢

N ·7

10 Piastres.

985

Year of reign 29 (1251).

" — " Beneath, ش ١٠ — Above, ٢٩

N ·55, Wt. 13

SILVER.

OLD ISSUE.

TYPE I.

Piastre.

Obv. *Rev.*

986

Year of reign 7 (1229).

Ṭughrá. ضرب فى
مصر
١٢٢٣

Æ 1·1, Wt. 94

Besh-paralik.

986 *a*

Year of reign 18 (1240).

" "

Above, ١٨

Æ ·7, Wt. 16

TYPE II.

Yigirmi-paralik.

987

Year of reign 22 (1244).

" "

Above, ٢٢

Æ 1·05, Wt. 48

Beah-paralik.

Obv. *Rev.*

988

Year of reign 21 (1243).

Ṭughrá. Similar to (986).

Above, ٢١

Æ. 7, Wt. 10

NEW ISSUE.

20 Piastres.

989

Year of reign 31 (1253).

" "

Ṭughrá, with عدلی Above, ٣١

Beneath, ش ٢٠

Æ. 1·4, Wt. 428

Piastre.

990

Year of reign 30 (1252).

" "

Beneath, ش ١ Above, ٣٠

Æ. ·75, Wt. 22

10 Paras.

Obv. *Rev.*

991

Year of reign 29 (1251).

Similar to (989) Similar to (986)

Beneath, پ ۱۰ Above, ۲۹

Æ 5, Wt. 5·5

COPPER.

NEW ISSUE.

5 Paras.

992

Year of reign 29 (1251).

Ṭughrá. ۲۹
ضرب فی
مصر
۱۲۲۳

Æ ·85

993

Year of reign 30 (1252).

" "

Beneath, پ ٥ Above, ۳۰

Æ ·8

Obv. *Rev.*

994

Year of reign 31 (1253).

Similar to (993) Similar to (992)

Above, ٣١

Æ ·85

Para.

995

Year of reign 28 (1250).

Ṭughrá. ,,

Above, ٢٨

Æ ·85

996

Year of reign 29 (1251).

,, ,,

Above, ٢٩

Æ ·7

997

Same year.

,, ,,

(Varied.)

Æ ·6

TRIPÒLI.

COPPER.

LARGE ISSUE.

Obv. *Rev.*

998

Year of reign 20 (1242).

Ṭughrá. ضرب فى
٢٠
طرابلس
غرب
١٢٢٣

Æ 1·5

999

Same year.

" "

Æ 1·5

SMALL ISSUE.

1000

Accession.

ضرب فى سلطان
طرابلس محمود
غرب خان
١٢٢٣

Æ ·9

Obv. *Rev.*

1001

Year of reign 13 (1235).

Similar to (1000). Similar to (1000).

Above, ١٣

Æ ·9

1002

No date.

" "

No ciphers.

Æ ·8

1003

Accession.

Ṭughrá. Similar to (1000): no year of reign.

Æ ·9

1004

Same.

" "

Æ ·95

1005

Year of reign 18 (1240).

Formula B: Ṭughrá.

١٨ over ابن

ضرب فى
طرابلس
غرب
[١]٢٢٣

Æ ·9

SMALLER ISSUE.

Obv. *Rev.*

1006

Year of reign 20 (1242).

سلطان — ضرب ٢٠ ى

محمود خان — طرابلس

عز نصره — غرب

١٢٢٣

Æ ·75

1007

Accession.

ب
ضر — فى
طرابلس
١٢٢٣

Æ ·75

1008

Same.

" — "

Æ ·75

1009

No date.

" — "
No date.

Æ ·75

Obv. *Rev.*

1010

No date.

ضرب فی
طرابلس
۱۲۲۳

Five stars.

Æ ·75

1011

Year of reign 21 (1243).

۲۱
ضرب فی
طرابلس
[۱۲]۲۳

غرب

Æ ·65

1012

Year of reign 23 (1245).

۲۳
ضر
ب

فی
طرابلس
۱۲۲۳

Æ ·75

1013

Same year.

ضرب

۱۲۲۳

طرابلس فی
۲۳

Æ ·7

Obv. *Rev.*

1014

Year of reign 23 (1245).

ضرب فی ٢٣ Ornament.

طرابلس

١٢٤٣

Æ ·75

1015

Year of reign 25 (1247).

Similar: Hexagram.

but above, ٢٥

Æ ·7

1016

No year.

Similar: Hexagram.

غرب in place of accession year.

Æ ·85

Arabesque Type.

1017

Year of reign 25 (1247).

In centre, Arabesque. ضرب فی ٢٥

Around, سلطان محمود خان ١٢٤٣ طرابلس

غرب

Æ ·75

Obv. *Rev.*

1018

Same year.

Similar to (1017): but arranged Similar to (1017).

سلطان محمود ۱۲۲۳ خان

Æ ·75

1019

Same year.

Similar: but arranged "

سلطان محمود خان ۱۲۲۳

Æ ·85

1020

Year of reign 28 (1250).

Similar: but arranged "

سلطان محمود ۱۲۲۳ خان Above, ۲۸

Æ ·75

1021

Year of reign 29 (1251).

Similar to (1017). "

Above, ۲۹

Æ ·7

1022

Year of reign 34 (1256).

سلطان محمود

۱۲۲۳ ۳۴

Æ ·7

TUNIS.

SILVER.

Obv. *Rev.*

1023

Year 1242.

سلطان البرين
وخاقان البحرين
السلطان محمود
خان عز نصره

ضرب فى
تونس
١٢٤٢

Æ 1·35, Wt. 182

1024

Year 1245.

" "

Date ١٢٤٥

Æ 1·3, Wt. 168

1025

Year 1252.

" "

Date ١٢٥٢

Æ 1·25, Wt. 181

1026

Year 1254.

" "

Date ١٢٥٤

Æ 1·25, Wt. 168

ALGIERS.

GOLD.

Sequin F.

Obv. *Rev.*

1027

Year 1241.

Formula B.

السلطان
محمود خان
١٢٤١
عز نصره ضرب
جزاير فى

Twice-pierced. *Æ* ·95, Wt. 48

Half-Sequin F.

1028

Year 1239.

سلطان
محمود خان
عز نصره

ضرب فـــى
جـــزايـــر
١٢٣٩

Æ ·7, Wt. 25

SILVER.

OLD ISSUE.

1029

Year 1232.

سلطان
محمود خان
عز نصره

Similar :

but date ١٢٣٢

Æ ·8, Wt. 53

Obv. *Rev.*

1030

Year 1237.

Similar to (1029). Similar to (1029).

Date ١٢٣٧

Æ ·85, Wt. 41

1031

Year 1238.

" "

Date ١٢٣٨

Æ ·65, Wt. 20

1032

Year 1239.

" "

Date ١٢٣٩

Æ ·65, Wt. 18

NEW ISSUE.

SILVER.

1033

Year of reign 13 (1235).

Tughrá. ضرب فى ١٣ جزاير ١٢٣٣

Æ 1·0, Wt. 82

Obv. *Rev.*

1034

Same year.

Similar to (1033). Similar to (1033).

Æ ·8, Wt. 76

COPPER.

1035

Year 1237.

سلطان
محمود خان
عز نصره

ضرب فی
جزایر
۱۲۳۷

Æ ·7

1036

Year 1238.

" "

Year ۱۲۳۸

Æ ·7

1037

Year 1239.

" "

Year ۱۲۳۹

Æ 7

1038

Year 1240.

" "

Year ۱۲٤۰

Æ ·7

Obv. *Rev.*

1039

Year 1244.

Similar to (1035). Similar to (1035).

Year ١٢٤٤

Æ ·7

(*Smaller Size.*)

1040

Year 1237.

سلطان
محمود

ضرب فى
حزاير
١٢٣٧

Æ ·5

(*Smallest Size.*)

1041

Year 1237.

" "

Year ١٢٣٧

Æ ·45

1042

Year 1242.

" "

Year ١٢٤٢

Æ ·5

1043

Year 1244.

" "

Year ١٢٤٤

Æ ·45

Obv. *Rev.*

(*Square.*)

1044

Year 1230.

سلطان جان

محمود ١٢٣٠

Æ ·55

CONSTANTINEH.

SILVER.

Yigirmlik.

1045

Year 1253.

Ṭughrá. ضرب فى

قسطينة

١٢٥٣

Æ 1·2, Wt. 113

XXXI.—'ABD-EL-MEJEED.

A H. 1255—1277.

CONSTANTINOPLE.

OLD ISSUE.

GOLD.

Sequin.

(*Reduced Standard.*)

Obv. *Rev.*

1046

Year of reign 1 (1255).

Ṭughrá. ضرب فى
قسطنطينية
١٢٥٥

N 1·25, Wt. 25

1047

Year of reign 5 (1259).

" "

Above, ٥

Pierced. *N* 1·25

Half-Sequin.

1048

Year of reign 1 (1255).

" "

Above, ١

N ·6, Wt. 12

Obv. *Rev.*

1049

Year of reign 3 (1257).

Similar to (1046). Similar to (1046).

Above, ١٣

N ·6

Quarter-Sequin.

1050

Year of reign 1 (1255).

" "

Above, ١

N ·5, Wt. 6

1051

Year of reign 5 (1259).

" "

Above, ٥

Pierced. *N* ·5

SILVER.

Uchlik.

1052

Year of reign 1 (1255)

" "

Above, ١

Pierced. *R* 1·25, Wt. 89

Altmishlik.

1052 *a*

Year of reign 5 (1259).

" "

Above, ٥

Pierced. *R* 1·05, Wt. 50

Yigirmi-paralik.

Obv. *Rev.*

1052 *b*

Year of reign 2 (1256).

Similar to (1046). Similar to (1046).

Above, ٢

Æ ·8, Wt. 17

1053

Year of reign 4 (1258).

" "

Above, ٤

Æ ·3, Wt. 17

On-paralik.

1053 *a*

(Year of reign 1 (1255).

" "

Above, ١

Æ ·65, Wt. 10

NEW ISSUE.

(*Mejeedeeyeh.*)

GOLD.

100 Piastres.

1054

Year of reign 6 (1260).

Ṭughrá; above, 7 stars; beneath, سنة ١; and two quivers, and two laurel-branches.

Within laurel-wreath, عز نصره ضرب فى قسطنطينية ١٢٥٥

Pl. X. *N* ·85, Wt. 110

Obv. *Rev.*

1055

Year of reign 14 (1268).

Similar to (1054): Similar to (1054).

but beneath, سنة ١٤

N ·85

50 Piastres.

1056

Year of reign 6 (1260).

,, سنة ٦ ,,

N ·7, Wt. 56

SILVER.

Mejeedeeyeh of 20 Piastres.

1057

Year of reign 6 (1260).

Within border of crescents and stars, Ṭughrá.

Beneath, سنة ٦

As obv.

عز نصره

ضرب فى

قسطنطينية

١٢٥٥

Pl. X. *N* 1·45, Wt. 373

1058

Year of reign 12 (1266).

,, سنة ١٢ ,,

N 1·45

Obv. *Rev.*

10 Piastres.

1059

Year of reign 6 (1260).

Similar to (1057). Similar to (1057).

Beneath, سنة ٦

Æ 1·05, Wt. 18

1060

Year of reign 7 (1261).

„ سنة ٧ „

Æ 1·05

5 Piastres.

1061

Year of reign 6 (1260).

„ سنة ٦ „

Æ ·9, Wt. 9

1062

Year of reign 7 (1261).

„ سنة ٧ „

Æ ·9

1063

Year of reign 10 (1264).

„ سنة ١٠ „

Æ ·9

2 Piastres.

1064

Year of reign 7 (1261).

Border of stars only. As obv.

„ سنة ٧ „

Æ 7, Wt. 37

Obv. *Rev.*

1065

Year of reign 11 (1265).

Similar to (1064). Similar to (1064).

Beneath, سنة ١١

Æ ·7

Piastre.

1066

Year of reign 6 (1260).

„ سنة ٦ „

Æ ·55, Wt. 1·5

1067

Year of reign 12 (1266).

„ سنة ١٢ „

Æ ·55

1068

Year of reign 16 (1270).

„ سنة ١٦ „

Æ ·55

1069

Year of reign 21 (1275).

„ سنة ٢١ „

Æ ·55

Half-Piastre, or 20 Para Piece.

1070

Year of reign 10 (1264).

Within laurel-wreath, Ṭughrá. As obv.

Beneath سنة ١٠ „

Above, ٢٠

Æ 5, Wt. ·9

COPPER.

40 Paras.

Obv. *Rev.*

1071

Year of reign 17 (1271).

Ṭughrá. In centre, ع

Beneath, سنة ١٧ Around, عز نصره ضرب ١٢٥٥ فى قسطنطينية سنة

Pl. X. Æ 1·45

1072

Year of reign 18 (1272).

„ سنة ١٨ „

Æ 1.45

1073

Year of reign 19 (1273).

„ سنة ١٩ „ Æ 1·45

1074

Year of reign 20 (1274).

„ سنة ٢٠ „

Æ 1·45

Obv. *Rev.*

1075

Year of reign 21 (1275).

Ṭughrá. Similar to (1071).

Beneath, سنة ٢١

Æ 1·45

1076

Year of reign 22 (1276).

„ سنة ٢٢ „

Æ 1·45

1077

Year of reign 23 (1277).

„ سنة ٢٣ „

Æ 1·45

20 Paras.

1078

Year of reign 16 (1270).

Ṭughrá, سنة ١٦ Similar: but ٣ •

Æ 1·2

1079

Year of reign 17 (1271).

„ سنة ١٧ „

Æ 1·25

Obv. *Rev.*

1080

Year of reign 19 (1273).

Ṭughrá, سنة ١٩ Similar to (1071): but ٣٠

Æ 1·25

1081

Year of reign 20 (1274).

" سنة ٢٠ "

Æ 1·25

1082

Year of reign 21 (1275).

" سنة ٢١ "

Æ 1·25

10 Paras.

1083

Year of reign 15 (1269).

" سنة ١٥ Similar: but ١٠

Æ 1·1

1084

Year of reign 16 (1270).

" سنة ١٦ "

Æ 1·05

Obv. *Rev.*

1085

Year of reign 17 (1271).

Ṭughrá, سنة ١٧ Similar to (1071) : but ١٠

Æ 1·05

1086

Year of reign 19 (1273).

" "

Beneath, سنة ١٩

Æ 1·05

1087

Year of reign 20 (1274).

" سنة ٢٠ "

Æ 1·05

1088

Year of reign 21 (1275).

" سنة ٢١ "

Æ 1·05

5 Paras.

1089

Year of reign 7 (1261).

Ṭughrá. Similar : but ٥

Beneath, سنة ٧

Æ ·85

Obv. *Rev.*

1090

Year of reign 10 (1264).

Ṭughrá, سنة ١٠ Similar to (1071): but ♁

Æ ·85

1091

Year of reign 11 (1265).

„ سنة ١١ „

Æ ·85

1092

Year of reign 12 (1266).

„ سنة ١٢ „

Æ ·85

1093

Year of reign 13 (1267).

„ سنة ١٣ „

Æ ·85

1094

Year of reign 14 (1268).

„ سنة ١٤ „

Æ ·85

Obv. *Rev.*

1095

Year of reign 15 (1269).

Ṭughrá, سنة ١٥ Similar to (1071) : but ٥

Æ ·85

1096

Year of reign 16 (1270).

,, سنة ,,

Æ ·85

1097

Year of reign 19 (1273).

,, سنة ١٩ ,,

Æ ·85

1098

Year of reign 20 (1274).

,, سنة ٢٠ ,,

Æ ·85

1099

Year of reign 21 (1275).

,, سنة ٢١ ,,

Æ ·85

Para.

Obv. *Rev.*

1100

Year of reign 8 (1262).

Ṭughrá, سنة ٨ Similar to (1071) : but ¶

Pl. X. Æ ·5

1101

Year of reign 10 (1264).

„ سنة ١٠ „

Æ ·5

1102

Year of reign 11 (1265).

„ سنة ١١ „

Æ ·5

1103

Year of reign 14 (1268).

„ سنة ١٤ „

Æ 5

1104

Year of reign 16 (1270).

„ سنة ١٦ „

Æ ·5

BAGHDÁD.

COPPER.

Obv. *Rev.*

1105

Accession.

Ṭughrá. ضرب فى
بغداد
١٢٥٥

Æ ·7

EGYPT.

GOLD.

NEW ISSUE.

(*Mejeedeeyeh.*)

100 Piastres.

1106

Year of reign 5 (1259).

Ṭughrá. ضرب فى
Beneath, ١٠٠ ش مصر
١٢٥٥

Pl. X. *N* ·85, Wt. 132

50 Piastres.

1107

Same year.

,, ٥٠ ش ,,

N ·75. Wt. 66

5 Piastres.

Obv. *Rev.*

1108

Year of reign 3 (1257).

Ṭughrá. Similar to (1106).

Beneath, ش ٣

N ·5, Wt. 6

1109

Year of reign 6 (1260).

" "

٦

Pl. X. *N* ·5

1110

Year of reign 10 (1264).

" "

١٠

N ·5

1111

Year of reign 16 (1270).

" "

١٦

Pierced. *N* ·5

1112

Year of reign 19 (1273).

" "

١٩

Pierced. *N* ·5

Obv. *Rev.*

1113

Year of reign 22 (1276).

Ṭughrá. Similar to (1106).

Beneath, ٥ ش ٢٢

Pierced *N* ·5

SILVER.

10 Piastres.

1114

Year of reign 5 (1259).

Ṭughrá. Similar to (1106).

Beneath, ١٠ ش ٥

Æ 1·15, Wt. 214

5 Piastres.

1115

Year of reign 4 (1258).

,, ٥ ش ,, ٤

Æ 1·0, Wt. 107

Piastre.

Obv. *Rev.*

1116

Year of reign 5 (1259).

Ṭughrá. Similar to (1106).

Beneath, ش ٥

Æ ·75, Wt. 22

1117

Year of reign 10 (1264).

" " "

١٠

Æ ·75

20 Paras.

1118

Year of reign 6 (1260).

" ٢٠ پ "

٦

Æ ·65, Wt. 10

1119

Year of reign 10 (1264).

" " "

١٠

Æ ·65

10 Paras.

1120

Year of reign 7 (1261).

" ١٠ پ "

٧

Æ ·55, Wt. 5

Obv. *Rev.*

1121

Year of reign 12 (1266).

Ṭughrá. Similar to (1106).

Beneath, ب١٠ ١٢

Æ ·55

COPPER.

5 Paras.

1122

Year of reign 1 (1255).

Ṭughrá. Similar to (1106).

Beneath, ب٥

Æ ·8

1123

Year of reign 2 (1256).

" "

٢

Æ ·8

1124

Year of reign 4 (1258).

" "

٤

Æ ·8

Obv. *Rev.*

1125

Year of reign 5 (1259).

Ṭughrá. Similar to (1106).

Beneath, ٥ پ ٥

Æ ·8

1126

Year of reign 6 (1260).

" "

٦

Æ ·8

NEW ISSUE.

(*With sprigs and wreaths.*)

10 Paras.

Constantinople Type.

1127

Year of reign 16 (1270).

Ṭughrá. Similar to (1071):

Beneath, ١٦ سنة but فى محروسة مصر

In centre, ١٠

Æ 1·15

Egyptian Type.

5 Paras.

1128

Year of reign 6 (1260).

Ṭughrá. Similar to (1106).

Beneath, ٥ پ ٦

Æ ·85

1129

Year of reign 7 (1261).

" "

٧

Æ ·8

Constantinople Type.

Obv. *Rev.*

1229*a*.

Year of reign 8 (1262).

Ṭughrá. Similar to (1071) :

Beneath, سنة but فى محروسة مصر

In centre, ٥

Æ ·85

1 Para.

Egyptian Type.

1130

Year of reign 2 (1256).

Ṭughrá. Similar to (1106).

Beneath, ب Above, ٢

Æ ·6

1131

Year of reign 4 (1258).

" "

Above, ٤

Æ ·65

1132

Year of reign 5 (1259).

" "

Above, ٥

Æ ·56

TUNIS.

Obv. *Rev.*

[*MOḤAMMAD BEY.*]

A.H. 1272-1275.

GOLD.

100 Piastres.

1133

Year 1272.

Within palm-wreath,

السلطان
الغازى عبد
المجيد خان

Within laurel-branches,

محمد
مدة
بتونس
ن ١٠٠
١٢٧٢

N 1·3, Wt. 273

80 Piastres.

1134

Same year.

" "

beneath, ن ٨٠

N 1·2, Wt. 214

40 Piastres.

Obv. *Rev.*

1135

Same year.

Similar to (1133). Similar to (1133).

beneath, ٤٠ ت

PL. X. *N* 95, Wt. 108

20 Piastres.

1136

Same year.

" "

beneath, ٢٠ ت

N 8, Wt. 52

10 Piastres.

1137

Same year.

" "

beneath, ١٠ ت

N 7, Wt. 26

SILVER.

(*Without Bey's name*).

1138

2 Piastres.

Year 1263.

Within palm-wreath, السلطان عبد المجيد خان

Within laurel-wreath, ضرب فى تونس ١٢٦٣

R 1·3, Wt. 248

(*With Bey's Name.*)

Half-Piastre (8 Kharoobehs).*

Obv. *Rev.*

1139

Year 1275.

Similar to (1133). Similar to (1133):

but beneath ل.ث.

١٢٧٥

Æ ·7, Wt. 22

1140

2 Kharoobehs.

Year 1273.

" In centre, ١٢٧٣†

٣

without wreath. Around, مدة محمد بتونس

Æ ·45, Wt. 5

COPPER.

(*Without Bey's Name.*)

1141

Kharoobeh.

Year 1263.

Within palm-wreath,

السلطان
عبد
المجيد
خان

Within laurel-wreath,

ضرب فى
تونس
١٢٦٣

Æ 1·15

* 6¼ Burbehs, or 3¼ Aspre or Akchehs=1 Kharoobeh; and 16 Kharoobehs=52 Akchehs or 104 Burbehs=1 Piastre. The Burb is further divided into 6 Burbines. See Neumann's *Beschreibung der bekanntesten Kupfermünzen*, iii. 98 ff. The denominations of the Tunisian coins in the present volume have been partly derived from notes kindly furnished by Mr. T. F. Reade, H.M. Agent and Consul General, Tunis.

† On this and other recent Tunisian coins the ٣ is often written ٣, and the ٣, ٣. ت represents تاريخ.

Obv. *Rev.*

1142

Year 1265.

Similar to (1141). Similar to (1141).

" Date, ١٢٦٥

Æ 1·15

1143

Year 1269.

" "

Date, ١٢٦٩

Æ 1·15

Half-Kharoobeh.

1144

Year 1264.

" Date, ١٢٦٤

Æ ·95

1145

Year 1265.

" "

Date, ١٢٦٥

Æ ·95

(*With Bey's Name.*)

13 Burbehs (2 Kharoobehs).

1146

Year 1273.

Within palm-wreath, Within laurel-wreath,

in centre, ١٣ محمد

Around, السلطان الغازى مدة

عبد المجيد خان بتونس

Counterstruck with ٢ ١٢٧٣

Æ 1·3

Obv. *Rev.*

1147

Year 1274.

Similar to (1146). Similar to (1146).

(Not counterstruck with ٢.) Date, ١٢٧٤

Æ 1·3

1148

Year 1275.

" "

In centre, ٢ Date, ١٢٧٥

in the original die.

Æ 1·35

Six Burbehs, (1 Kharoobeh).

1149

Year 1272.

" "

In centre, ٦ Date, ١٢٧٢

Æ 1·1

Three Burbehs (Half-Kharoobeh).

1150

Year 1273.

" "

In centre, ٣ Date, ١٢٧٣

Æ ·95

XXXII.—'ABD-EL-'AZEEZ.

A H. 1277—1293.

CONSTANTINOPLE.

GOLD.

500 Piastres.

Obv. *Rev.*

1151

Year of reign 7 (1283).

Ṭughrá: above, 7 stars; beneath, سنة ٧

Around, two olive-branches; at their crossing, two quivers, under which, ٥٠٠

Within olive-wreath,
عز نصره
ضرب فى
قسطنطينية
١٢٧٧

AV 1·35, Wt. 557

250 Piastres.

1152

Year of reign 8 (1284).

„ سنة ٨ and ٢٥٠ „

AV 1·05, Wt. 278

100 Piastres.

1153

Year of reign 12 (1288).

„ سنة ١٢, nothing beneath. „

AV ·85, Wt. 112



50 Piastres.

Obv. *Rev.*

1154

Year of reign 9 (1285).

Similar to (1153). Similar to (1151).

Beneath, سنة ٩

Pl. X. *N* ·7, Wt. 54

25 Piastres.

1155

Year of reign 5 (1281).

„ سنة ٥ „

N ·6, Wt. 28

SILVER.

20 Piastres.

1156

Year of reign 11 (1287).

Ṭughrá. Similar to (1151).

Beneath, سنة ١١

Border of tressures and stars.

R 1·45, Wt. 367

10 Piastres.

1157

Year of reign 1 (1277).

„ سنة ١ „

R 1·05, Wt. 186

5 Piastres.

Obv. *Rev.*

1158

Year of reign 3 (1279).

Ṭughrá. Similar to (1151).

Beneath, سنة ٣

Pl. X. Æ ·9, Wt. 91

2 Piastres.

1159

Same year.

,, سنة ٣ ,,

Æ ·7, Wt. 36

1 Piastre.

1160

Same year.

,, سنة ٣ ,,

Æ ·55, Wt. 19

Half-Piastre, or 20 Para Piece.

1161

Year of reign 1 (1277).

,, سنة ١ ,,

Above, ٢٠

Æ ·5, Wt. 9

COPPER.

Piastre, or 40 Para Piece.

Obv. *Rev.*

1162

Year of reign 4 (1280).

Ṭughrá. In centre, ٤٠

Beneath, سنة ٤ Around, عز نصره ضرب فى
١٢٧٧
قسطنطينية سنة

Æ 1·45

20 Paras.

1163

Year of reign 1 (1277).

„ سنة ١ „ ٢٠

Æ 1·2

1164

Year of reign 4 (1280).

„ سنة ٤ „

Æ 1·25

10 Paras.

1165

Year of reign 1 (1277).

„ سنة ١ „ ١٠

Æ 1·05

1166

Year of reign 4 (1280).

„ سنة ٤

Æ 1·1

5 Paras.

Obv. *Rev.*

1167

Year of reign 1 (1277).

Similar to (1162). Similar to (1162).

Beneath, سنة ١ In centre, ٥

Æ ·9

1167*a**

" Same year. "

Below year, در سعادية
محصوص سكة لجا درسه

Æ ·9

1168

Year of reign 4 (1280).

" سنة ٤ "

Æ ·9

EGYPT.

GOLD.

5 Piastres.

1169

Year of reign 9 (1285).

Ṭughrá. ضرب ٩ فى

Beneath, ش ٥ مصر

١٢٧٧

N ·5, Wt. 6

1170

Year of reign 12 (1288).

" " ١٢

N ·5, Wt. 6·5

* For circulation in Constantinople only.

SILVER.

Obv. *Rev.*

1171

10 Paras.

Year of reign 3 (1279).

Ṭughrá. Similar to (1169).

Beneath, ١٠ پ ٣

Æ .55, Wt. 5

COPPER.

Piastre, or 40 Para Piece.

1172.

Year of reign 10 (1286).

Ṭughrá. Similar to (1106).

Beneath, ٤٠ پ ١٠

Æ 1·45

20 Paras.

1172*a*

Year of reign 3 (1279).

٢٠ ,, پ ,, ٣

Æ 1·25

1173

Year of reign 4 (1280).

,, ,, ٤

Æ 1·25

1174

Year of reign 5 (1281).

,, ,, ٥

Æ 1·25

Obv. *Rev.*

1175

Year of reign 6 (1282).

Similar to (1172). Similar to (1106).

" " ٦

Æ 1·25

10 Paras.

1176

Year of reign 4 (1280).

Ṭughrá. Similar to (1169).

Beneath, ١٠ ب ٤

Æ 1·15

1177

Year of reign 5 (1281).

" " ٥

Æ 1·15

1178

Year of reign 6 (1282).

" " ٦

Æ 1·15

1179

Year of reign 7 (1283).

" " ٧

Æ 1·15

Four Paras.

1180

Year of reign 4 (1280).

" ٤ ب " ٤

Æ ·85

TUNIS.

[*MOḤAMMAD BEY ES-SÁDIḲ.*]

A.H. 1275—1299.

GOLD.

25 Piastres.

Obv. Within palm-wreath,

ن
السلطا
عبد العزيز
خان

Rev. Within laurel-branch,

محمد
مدة
الصادق
بتونس
٢٥
ن
١٢٧٩

N ·8, Wt. 76

1182

Year 1291.

" "
١٢٩١

N ·8, Wt. 74

1183

10 Piastres.

Year 1281.

" "
١٠
ن
١٢٨١

N ·7, Wt. 30

SILVER.

2 Piastres.

Obv. *Rev.*

1184

Year 1289.

Similar to (1181). Similar to (1181).

Beneath, ٢ ن ١٢٨٩

Æ 1·05, Wt. 93

BRONZE.

2 Kharoobehs (8 Akchehs or Aspre).

1185

Year 1281.

Within laurel-wreath, Within laurel-wreath,

٨

" مدة محمد
الصادق
بتونس
١٢٨١

Æ 1·3

Kharoobeh (4 Akchehs).

1186

Same year.

" "

Above, ٤

Æ 1·2

Half-Kharoobeh (2 Akchehs).

1187

Same year.

" "

Above, ٢

Æ 1·1

Quarter-Kharoobeh (Akcheh.)

Obv. *Rev.*

1188

Same year.

Similar to (1185). Similar to (1185).

Above, ١

Æ ·85

Half-Akcheh.

1189

Same year.

" "

Above, نصف

Æ 7

Quarter-Akcheh.

1190

Same year.

" "

Above, ربع

Æ ·55

Kharoobeh.

1191

Year 1283.

" " ١٢٨٣

Nothing above:
different style.

Æ 1·2

XXXIII.—MURÁD V.

A.H. 1293.

CONSTANTINOPLE.

Obv. *Rev.*

GOLD.

100 Piastres.

1192*

Year 1293.

Ṭughrá: above, 7 stars; crescent under centre star.

Beneath, سنة ١

Around, laurel-branches; at their crossing two quivers.

Within laurel-wreath,
عز نصره
ضرب فى
قسطنطينية
١٢٩٣

N ·95, Wt. 111·5

SILVER.

20 Piastres.

1193

Same year.

Ṭughrá. ,,

Beneath, سنة ١

Border of crescents and stars. Border as obv.

R 1·45, Wt. 370

* This coin, like the other coins of Murád V., those of 'Abd-El-Ḥameed II., and many of Maḥmood II., 'Abd-El-Mejeed, and 'Abd-El-'Azeez, was presented by Dr. Dickson, of the British Embassy, Constantinople.

5 Piastres.

Obv. *Rev.*

1194

Same year.

Similar to (1193). Similar to (1193).

Æ ·96, Wt. 92·5

Piastre.

1195

Same year.

,, ,,

but no crescents. but no crescents.

Pl. X. Æ ·6. Wt. 18·5

XXXIV.—'ABD-EL-ḤAMEED II.

A.H. 1293 (*regnant*).

CONSTANTINOPLE.

GOLD.

500 Piastres.

Obv. 1196 *Rev.*

Year of reign 2 (1294).

Similar to (1192): Similar to (1192).

but no crescent; سنة ٢;

and beneath quivers, ٥٠٠

N 1·35, Wt. 556

100 Piastres.

1197

Year of reign 6 (1298).

,, سنة ٦ ,,

nothing below.

N ·9, Wt. 112

1197*a*

Year of reign 7 (1299).

,, سنة ٧ ,,

To right of Ṭughrá, غازى *

N ·9

50 Piastres.

1198

Year of reign 6 (1298).

,, ,,

N ·7, Wt. 55·3

25 Piastres.

1199

,, Same year. ,,

Pl. X. *N* ·6, Wt. 27·7

* The title غازى, or "Victor," was adopted by 'Abd-El-Ḥameed after the Russo-Turkish war.

SILVER.

20 Piastres.

Obv. *Rev.*

1200

Year of reign 1 (1293).

Similar to (1193). Similar to (1193).

Beneath, سنه ١

Æ 1·45, Wt. 370

10 Piastres.

1201

Year of reign 3 (1295).

„ سنة ٣ „

Æ 1·05

5 Piastres.

1202

Year of reign 4 (1296).

„ سنة ٤ „

Æ ·95

Piastre.

1203

Year of reign 1 (1293).

„ سنة ١ „

Around Ṭughrá,
stars only.

Æ ·6

Half-Piastre or 20 Para Piece.

1204

Same year.

„ „

Around Ṭughrá,
laurel-wreath.

Above, ٢٠.

Æ ·5

MEDALS.

MEDALS.

MILITARY AND NAVAL.

Obv. *Rev.*

I.—III.

Egyptian Expedition, 1801.

GOLD.

Crescent and star, in ornamental border.

Ṭughrá of Seleem III. Beneath, in ornamental border, 1801.

Chain and hook for suspension.

Three sizes: Æ 2·1, Wt. 714
Æ 1·65, Wt. 314
Pl. XI. Æ 1·45, Wt. 212

IV.

SILVER.

Similar: without chain or hook.

Æ 1·45, Wt 124

"After the defeat of the French in Egypt 1801, the Sultan [Seleem III.], instituted an order of knighthood designated *The Crescent*, which he conferred on the general officers of the English forces. At the same time he presented gold medals of three sizes: the largest to the Generals and Admirals; the middle size to Field Officers and Captains R.N.; and the smallest to Captains and Subalterns, and Lieutenants R.N."* The silver medal was given to the rank and file.

* H. A. Grueber, *Guide to English Medals exhibited in the King's Library*, British Museum, 1881, p. 131.

Obv. *Rev.*

V.

Campaign in Syria against Moḥammad 'Alee, 1247 (1832).

GOLD.

Ṭughrá of Maḥmood II., and عدلى, on 16-rayed Star.
Beneath, Crescent, inscribed نشان افتخار ("Insignia of honour.")

Mosque with two minarets, at right, جامع ("Mosque"); at left, نصرت ("of Victory"). On base of mosque, ١٢٤٧

Pierced for suspension.

Pl. XI. Æ 1·15, Wt. 252

VI. VII.

SILVER.

Similar.

Two sizes: *Pierced.* Æ 1·2, Wt. 202
Ringed. Æ 1·05, Wt. 125

VIII.

Medal to Russian Troops, 1249=1833.

SILVER.

Ṭughrá, and عدلى on Star of 16 rays, over laurel-branches, under which ١٢٤٩ in cartouche.

Crescent and Star over laurel-branches, under which 1833 in cartouche.

Pierced for suspension.

Pl. XI. Æ 1·15, Wt. 145

The following extract from Sir EDWARD CREASY'S *History of the Ottoman Turks* (1877 ed., p. 521 ff.) will explain the circumstances under which Medals V.–VIII. were awarded:—"Mehemet Ali had resolved on founding an hereditary dominion on the ruins of the apparently doomed empire of the Sultan. He had restored his navy after its destruction at Navarino; he possessed a veteran and admirably-disciplined army, chiefly officered by Frenchmen; and, above all, he had a general of science, experience, prudence, and energy in his son, the celebrated Ibrahim Pacha. He had obtained the Pachalic of Crete from the Porte, but had been refused that of Syria. He determined to take it by force. A personal quarrel with the Pacha of Acre gave him a pretext for attacking that officer. The command of the Sultan that this civil war between his servants should cease was contemptuously disregarded; and Ibrahim Pacha besieged Acre with an army of 4000 men, and a fleet of five ships of the line and several frigates. The key of Syria was captured by him on the 27th of May, 1832, and for several years Mehemet Ali was the real sovereign of that important country. The disaffected armies of raw recruits, badly officered, and worse generaled, which the Sultan sent against the rebel Egyptian Chief, were beaten by Ibrahim in three great battles—at Ems, in Upper Syria, on July 6th, 1832; at Beylon (in Cilicia, near the ancient battle-field of Issus), 1832, on the 29th of the same month; and at Konieh, in Asia Minor, on the 29th of October. The position of these places indicates the rapid progress and bold designs of the Egyptian commander, who seemed to annex Asia Minor to Mehemet's dominions with the same ease as Syria, and whose advance upon Constantinople in the coming spring appeared to be inevitable and irresistible. In this agony of his House and Empire the Sultan sought aid first from England, but none unhappily was accorded. Russia was watching eagerly for the opportunity which English folly thus threw in her way. Her troops and her transports, and her ships of war, were ready at Sebastopol and Odessa; and when, at last, Mehemet humbled himself to express to his ancient enemy a wish for a protecting force, prompt messengers were despatched to the great Crimean

depôt of Muscovite power, and a Russian squadron of four ships of the line set sail from Sebastopol and landed 6000 of the Emperor's troops near the mouth of the Bosphorus on February the 20th, 1833.

"Meanwhile, the forward march of Ibrahim had been temporarily stayed by a messenger from Admiral Roussin, whom the French Government had sent with a fleet to aid the Sultan. A negotiation was entered into, but broken off after a few days, and in the beginning of March Ibrahim again pointed his columns towards the Bosphorus. But a second Russian armament from Odessa now had reached those straits, and, on the 5th of April, 12,000 soldiers of the Czar Nicholas were encamped on the Giant's Mountain, near Scutari. Ibrahim felt that any future advance on his part would be madness; and occupied himself in procuring the largest possible increase to his father's power in the negotiations that followed, in which England and France (now thoroughly alarmed at the advantage gained by Russia) took part with anxious zeal. The terms of compulsory reconciliation between the Sultan and the over-powerful vassal were embodied in a Firman of May the 6th, 1833, by which the Porte confirmed Mehemet Ali in his government of Crete and Egypt, and added to them those of Jerusalem, Tripoli, Aleppo, Damascus, and Adana."

IX.

Campaign in Syria, 1256 (1840).

Obv. SILVER. *Rev.*

Tughrá of 'Abd-El-Mejeed, in laurel-wreath.

Fortress of Acre, displaying Turkish ensign.

Above, six stars.

Beneath, ١٢٥٦ برّيّة الشّام وقلعة عكا

("The Plain of Syria and Fortress of Acre.")

With clasp.

Æ 1·15

IX^A.

Same in miniature: varied.

Pl. XI. Æ ·75, Wt. 75

X.

COPPER.

Similar, but عکا pointed.

Pierced for suspension.

Æ 1·15

"This medal was bestowed by the Sultan upon the English naval forces engaged in the war in Syria, 1840; in gold to officers ranking with field-officers; in silver to quarter-deck and warrant-officers; and in copper to petty officers, seamen, marines, and boys." *

The Treaty of July 15th, 1840, between Turkey, England, Russia, Austria, and Prussia, defined the terms on which the disputes between the Sulṭán and Moḥammad 'Alee were to be settled. "Mehemet Ali (who probably expected aid from France) refused for some time the requisitions of Turkey and the four Powers; and an English fleet, under Admirals Stopford and Napier, proceeded to wrest from him his stronghold on the Syrian coast. Beyrout was bombarded on the 29th of August, 1840, its Egyptian garrison was expelled, and the Turkish troops, which had been conveyed on board the English fleet, took possession of the ruins in the Sultan's name. By a still more splendid achievement in the British Navy, Acre was bombarded and captured on the 3rd of November. The other Syrian fortresses fell rapidly; and, aided by the British seamen and marines, and also by the native populations (which had found Egyptian bondage far more grievous than the old Turkish rule), the Sultan's forces were, by the close of November, completely masters of Syria." †

* Gruneber, *l.c.* † Creasy, *l.c.*, 526.

Obv. *Rev.*

XI.

Campaign in Kurdistán, 1263 (1847).

GOLD.

Ṭughrá of 'Abd-El-Mejeed. View of lake surrounded by mountains.

Above, كردستان

سنة ١٢٦٣ هـ

Pierced for suspension.

Pl. XI. *N* 1·05, Wt. 142

XII.

SILVER.

Similar.

Pierced and ringed.

R 1·05, Wt. 147

XIII.

General Service Medal, 1270 (1854).

SILVER.

Ṭughrá of 'Abd-El-Mejeed, beneath which ١٢٧٠, both within cogged circle; over which crescent and star, and at either side laurel-branch and two standards.

Six-rayed star upon larger twelve-rayed star. On either side six-rayed star. Beneath, نشان افتخار ("Insignia of honour") on scroll over laurel-branches.

Pierced for suspension.

Pl. XI. *R* 1·25, Wt. 244

This medal was conferred only on two officers and thirty sailors of the British Navy. A specimen of it was picked up on the battle-field of Tell El-Kebeer, 1882; but how it came to be there was not ascertained.

Obv. *Rev.*

XIV.

Crimean War, 1271=1855.

SILVER.

Ṭughrá of 'Abd-El-Mejeed; beneath, قريم ١٢٧١ the whole within laurel-wreath.

Trophy of arms, etc., with flags of England, Turkey, France, and Sardinia; on cannon, map of Crimea; underneath, Russian flag.

Beneath, LA CRIMEE, 1855.

Pierced for suspension.

PL. XI. Æ 1·45, Wt. 366

XV.

Defence of Kars, 1272 (1855).

SILVER.

Ṭughrá of 'Abd-El-Mejeed, within wreath of laurel- and oak-branches.

View of town and fortress of Kars, displaying Turkish ensign; beneath, قارص ١٢٧٢

Pierced for suspension.

PL. XII. Æ 1·45, Wt. 366

The circumstances under which these two medals were awarded need no explanation.

Obv. *Rev.*

XVI.

Campaign in Montenegro=Ḳara-Ṭágh, 1279 (1862).

In centre, خان عبد العزيز
Above, المستند بتوفيقات الربانية
Beneath, ملك الدولة العثمانية
Inclosed in crescent.

View of mountains, upon which flag inscribed with crescent: at foot, cannon.
Beneath, in scroll, قره طاغ;
At bottom, ١٢٧٩.

Pierced for suspension.

Pl. XII. Æ 1·45, Wt. 370

MISCELLANEOUS MEDALS.

XVII.

New Coinage, 1168 (1754).

GOLD.

Ṭughrá of Sulṭán 'Othmán III.; and flower; within chain-border.

سكة جديد
ضرب فى
اسلامبول
١١٦٨
("New money, struck at Islámból 1168").
Within chain-border.

Pl. XII. *Oval.* Æ 1·45 x 1·0. Wt. 384

This is a trial-piece which the Grand Vizir Raghib Pasha struck to gratify the Sulṭán.

Obv. *Rev.*

XVIII.

Reformed Monetary Standard, 1255 (1839).

BRONZE.

Ṭughrá of 'Abd-El-Mejeed, and rose-sprig, within corn-wreath, bound up with two quivers.

اشته تصحیح عیار سکه‌یه
صرف همت قیلدی خان
عبد المجید *

("This correction of the standard of money is by order of Khán 'Abd-El-Mejeed.")

Within rose-wreath.

Above, ٥ between sprigs.
Beneath, ١٢٥٥ between sprigs.

Pl. XII. Æ 2

XIX.

Restoration of St. Sophia, 1265 (1849).

SILVER.

Ṭughrá of 'Abd-El-Mejeed within ornate border.

View of Mosque of St. Sophia.

On base,

FOSIATI DES. ROBERTSON SC.

Beneath, تاریخ تعمیر
ایه صوفیه
١٢٦٥
سنه

Pl. XII. Æ 1·75, Wt. 600

I. INDEX OF YEARS.

A.H.	Metal.	MINT.	DYNASTY.	PRINCE.	NO.	Page
756	Æ	Ákshehr?	Ameers of Karamán	'Ala-ed-deen	43	21
762	,,	Arzenján	,, ,,	,,	44	21
765	,,	,,	,, ,,	,,	45	22
[7]68	,,	,,	,, ,,	,,	46, 47	22
,,	,,	كنوبه	,, ,,	,,	49	23
776	,,	none	Ameers of Ṣároo-Khán	Isḥák	58	31
790	Æ	,,	'Othmánlees	Murád I.	88	45
792	Æ	,,	,,	Báyezeed I.	89-91	46
805	,,	,,	Ameers of Menteshá	Ilyás	61	33
806	,,	,,	'Othmánlees	Suleymán	94-96	48
,,	Æ	,,	,,	,,	97	48
812	,,	,,	,,	,,	98	49
,,	,,	,,	,,	Moḥammad I.	103	51
813	,,	,,	,,	,,	104	51
[81]4	Æ	Baghdád	Ḳara-Kuyunli	Ḳará-Yoosuf	1	2
816	,,	Serez	'Othmánlees	Moḥammad I.	102*a*	50
822	,,	,,	,,	,,	102	50
,,	,,	Brusa	,,	,,	100	49
824	,,	none	Ameers of Menteshá	Leyth ibn Ilyás	62	34
825	,,	,,	Ameers of Ṣároo-Khán	Juneyd	60	32
,,	,,	Brusa	'Othmánlees	Murád II.	108	52
827	Æ	,,	,,	,,	110, 111	53
829	Æ	Ḳóniyeh	Ameers of Ḳaramán	Ibráheem	53	24
832	Æ	Adrianople	'Othmánlees	Murád II.	117	54
834	Æ	,,	,,	,,	116	54
,,	,,	Serez	,,	,,	118	55
,,	,,	Brusa	,,	,,	108	52
836	Æ	,,	,,	,,	112, 113	53
841	Æ	Ḳóniyeh	Ameers of Ḳaramán	Ibráheem	54	25
855	,,	Adrianople	'Othmánlees	Moḥammad II.	131,131*a*	58
,,	,,	Serez	,,	,,	139	60
857	Æ	Adrianople	,,	,,	133	59
861	,,	Brusa	,,	,,	120, 121	56
863	Æ	Tebreez	Ḳara-Kuyunli	Jehán Sháh	7	4
86*x*	,,	Káshán	,,	,,	8	5

A.H.	Metal.	MINT.	DYNASTY.	PRINCE.	NO.	Page
865	Æ	Brusa	'Othmánlees	Moḥammad II.	122	56
,,	,,	Ayásuluḳ	,,	,,	125-127	57
,,	Æ	Serez	,,	,,	139*a*	60
866?	,,	Shamákhy?	Ḳará-Kuyunli	Pir Budáḳ Khán	16-19	9
867	,,	Hamadhán?	,,	,,	4, 15	8
,,	Æ	Brusa	'Othmánlees	Moḥammad II.	123	56
86*x*	,,	,,	,,	,,	124	56
874?	,,	*x*	,,	,,	143	61
875	Æ	Constantinople	,,	,,	140	60
87*x*	,,	Adrianople	,,	,,	132	58
886*	Æ	Constantinople	,,	Báyezeed II.	145	62
,,	Æ	,,	,,	,,	146	62
,,	,,	Adrianople	,,	,,	148	63
,,	Æ	,, ?	,,	,,	149	63
,,	Æ	Karatova	,,	,,	150	64
,,	,,	Novár	,,	,,	151, 152	64
,,	Æ	Brusa	,,	,,	153	64
891	Æ	*x*	Áḳ-Kuyunli	Yaaḳoob	28, 29	13
896	,,	*x*	,,	,,	30	14
899	,,	Ḳumm	,,	Rustem	32	14
,,	,,	Merághah	,,	,,	33	15
9[01 or 2]	,,	*x*	,,	,,	34	15
903	Æ	Constantinople	'Othmánlees*	Bayezeed II.	147	63
918	Æ	,,		Seleem I.	161	67
,,	Æ	,,		,,	163	67
,,	Æ	Novár		,,	165-7	68
923	Æ	Constantinople		,,	164	67
925	,,	*x*		,,	171	70
926	Æ	Constantinople		,,	158-160	66
926	,,	,,		Suleymán I.	172-4	71
,,	Æ	,,		,,	175	71
,,	Æ	,,		,,	178	72
,,	Æ	Sidreh-Ḳeysee		,,	185-187	74
,,	Æ	,,		,,	188, 189	75
,,	,,	Karatova		,,	190, 191	75, 76
,,	,,	Novár		,,	192	76
,,	,,	Novaberda		,,	193	76
,,	Æ	Damascus		,,	196	78
,,	,,	Aleppo		,,	197, 198	78
,,	Æ	,,		,,	200	79
,,	Æ	Egypt (Miṣr)		,,	202-206	80, 81
,,	Æ	*x*		,,	221	85

* Dates printed in block-type are years of Sulṭáns' accessions; it does not necessarily follow that the coin was struck in that very year.

† Henceforward the coins are all of 'Othmánlees, and this column will therefore be omitted as superfluous.

A.H.	Metal.	MINT.	'OTHMÁNLEE SULṬÁN.	NO.	Page
928	Æ	Egypt	Suleymán I.	208	81
92x	Æ	Tripoli	,,	215, 216	83
933	Æ	Constantinople	,,	179	72
938	,,	x	,,	223	86
953	,,	Constantinople	,,	180, 180a	73
957	,,	,,	,,	181-3	73
963	,,	Brusa	,,	194	77
966	,,	Constantinople	,,	184	73
974	Æ	Novaberda	Seleem II.	224	86
,,	Æ	Aleppo	,,	226-8	87
,,	Æ	Baghdád	,,	230	88
,,	Æ	Egypt	,,	231	89
,,	Æ	,,	,,	232	89
982	Æ	Constantinople	Murád III.	234-237	90
,,	Æ	,,	,,	238	91
,,	Æ	Skub	,, [used by Moḥ. III.]	260	99
,,	,,	Sidreh-Ḳeysee	,,	239	91
,,	Æ	Damascus	,,	241	92
,,	,,	Aleppo	,,	242	92
,,	Æ	,,	,,	243-5	93
,,	,,	Ámid	,,	247-8	94
,,	Æ	Khánjeh	,,	249	94
,,	,,	Baghdád	,,	250	95
,,	,,	Sáḳiz	,,	251	95
,,	,,	Egypt	,,	252, 253	96
,,	Æ	Algiers	,,	255	97
988?	Æ	Tilimsán	,,	256	97
991	Æ	Aleppo	,,	246	93
1003	Æ	Constantinople	Moḥammad III.	257	98
,,	Æ	,,	,,	258	98
,,	Æ	Damascus	,,	261	100
,,	,,	Aleppo	,,	264, 265	101
,,	Æ	,,	,,	266	101
,,	,,	Ámid	,,	267-270	102
,,	Æ	Egypt	,,	271, 272	103
,, ?	Æ	,,	,,	273	103
,,	Æ	Algiers	,,	278, 279	105
1008	,,	Tunis	,,	277	104
1012	Æ	Constantinople	Aḥmad I.	280, 281	106
,,	Æ	,,	,,	282	106
,,	,,	Ḳará—	,,	284	107
,,	,,	Ḳhánjeh	,,	285, 286	108
,,	,,	Aleppo	,,	288-290	109
,,	Æ	Egypt	,,	292, 293	110
,,	Æ	Tunis	,,	299	112
,,	Æ	Algiers	,,	304	113
,,	Æ	x	,,	305	113
1013	Æ	Ámid	,,	291	110

A.H.	Metal.	MINT.	'OTHMÁNLEE SULṬÁN.	NO.	Page
1014	Æ	Erḍ-Room (*sic*)	Aḥmad I.	283	107
1017	Æ	Tunis	,,	300	112
1019	,,	,,	,,	301	112
1020?	,,	Khánjeh	,,	287	108
1025	,,	Tunis	,,	302	112
1026	Æ	Egypt	Muṣṭafa I. (1st reign)	308	115
1027	Æ	Constantinople	'Othmán II.	309	116
,,	Æ	Damascus	,,	310	116
,,	Æ	Egypt	,,	311, 312	117
1031	Æ	Constantinople	Muṣṭafa II. (2nd reign)	318-322	119
,,	,,	Erzeroom	,,	323	120
1032	,,	Constantinople	Murád IV.	330-332	122
,,	,,	Ṣan'á	,,	335	124
,,	Æ	Egypt	,,	336-8	124
1033	Æ	Tunis	,,	339-341	125
1040	Æ	Algiers	,,	345	127
1041	,,	,,	,,	346	127
,,	Æ	Tunis	,,	342, 343	126
1049	,,	Constantinople	Ibráheem	347-353	128, 129
,,	Æ	,,	,,	354	129
,,	Æ	Ámid	,,	356	130
,,	,,	Damascus	,,	357	130
,,	Æ	Egypt	,,	358, 359	131
,,	Æ	,,	,,	360	131
,,?	Æ	Tunis	,,	361	132
,,	Æ	,,	,,	362-364	132
1054	,,	Constantinople	,,	355	130
1056	Æ	Fás?	,,	365	133
1058	,,	Constantinople	Moḥammad IV.	366-368	134
,,	Æ	Damascus	,,	372	135
,,	,,	Aleppo	,,	373	136
,,	,,	Baghdád	,,	374, 375	136
,,	Æ	Egypt	,,	376	137
,,	Æ	,,	,,	377	137
1060	Æ	Tunis	,,	389	141
1066	Æ	,,	,,	388	141
1078	Æ	Tripoli	,,	378, 379	138
,,	Æ	,,	,,	382, 383	139
,,	Æ	Algiers	,,	392	142
1083	Æ	Tripoli	,,	381	139
1085	Æ	Tunis	,,	390	141
1090	,,	,,	,,	391	141
1091	Æ	,,	,,	387	140
,,	Æ	Tripoli	,,	384	139
1094	,,	,,	,,	385	140
1098	Æ	,,	,,	380	138
,,	Æ	,,	,,	386	140

A.H.	Metal.	DENOMINATION.	MINT.	'OṬHMÁNLEE SULṬÁN.	NO.	Page
1099	Æ	Piastre	Constantinople	Suleymán II.	395	144
,,	,,	Zolota	,,	,,	396	144
,,	,,	Akcheh	,,	,,	397, 398	145
,,	Æ	Mánghir	,,	,,	399, 400	145
,,	Æ	,,	Baghdád	,,	403	147
,,	Æ	Sequin F.	Egypt	,,	404, 405	147
,,	,,	,,	Tunis	,,	407	148
1100	Æ	Mánghir	Serái	,,	401	146
,,	,,	,,	Ván?	,,	402	146
1102	,,	,,	Tripoli	,,	406	148
1102	Æ	Piastre	Constantinople	Aḥmad II.	408	149
,,	,,	Yigirmilik	,,	,,	409	149
,,	Æ	Mánghir	,,	,,	410	149
,,	Æ	Sequin F.	Egypt	,,	411	150
1103	,,	,,	,,	,,	412	150
1106	,,	,,	Constantinople	Muṣṭafá II.	413, 414	151
,,	Æ	Piastre	,,	,,	415-419	151-2
,,	,,	Yigirmilik	,,	,,	420	152
,,	,,	Onbeshlik?	,,	,,	421	153
,,	Æ	Mánghir	,,	,,	422	153
,,	Æ	Piastre	Adrianople	,,	423, 424	153-4
,,	,,	Yigirmilik	,,	,,	425, 426	154
,,	,,	Para	,,	,,	427	154
,,	Æ	Mánghir	,,	,,	428	154
,,	Æ	Sequin F.	Smyrna	,,	429	155
,,	Æ	Piastre	,,	,,	430, 431	155
,,	Æ	Sequin F.	Egypt	,,	432	155
1108	Æ	2 Para?	Tripoli	,,	433	156
1112	Æ	Mánghir	Tunis	,,	434	156
1115	,,	,,	,,	,,	435	156
1115	Æ	Show-piece Sequin F.	Constantinople	Aḥmad III.	436	157
,,	,,	,,	,,	,,	437-440	157
,,	Æ	Piastre	,,	,,	441, 442	158
,,	,,	Zolota	,,	,,	443-446	158-9
,,	,,	Yigirmilik	,,	,,	447, 448	159
,,	,,	Onbeshlik	,,	,,	449, 450	159
,,	,,	Onlik	,,	,,	451-454	159-60
,,	,,	Beshlik	,,	,,	455, 456	160
,,	,,	Para	,,	,,	457-462	160-1
,,	,,	Akcheh	,,	,,	463-471	161-3
,,	Æ	Sequin F.	Islámból	,,	472, 473	163
,,	,,	½ ,,	,,	,,	474	163
,,	,,	⅕ Sequin Z.M.	,,	,,	476	164
,,	Æ	Para	,,	,,	477-479	164-5
,,	Æ	Sequin F.	Tiflees	,,	480	165
,,	Æ	Onlik	,,	,,	481	165
,,	,,	,,	Eriván	,,	482	166

A.H.	Metal.	DENOMINATION.	MINT.	'OTHMÁNLEE SULṬÁN.	NO.	Page.
1115	Æ	Onlik	Kenjeh	Aḥmad III.	483	166
,,	,,	,,	Tebreez	,,	484, 485	166-7
,,	Æ	Sequin F.	Egypt	,,	487-489*a*	167-8
,,	Æ	Para	,,	,,	490-493	168
,,	Æ	*x*	,,	,,	494, 495	169
,,	,,	*x*	Tripoli	,,	496, 497	169
1123	Æ	Sequin Z.M.	Islámból	,,	475	164
1140	,,	½ Sequin F.	Tunis	,,	498	170
,,	Æ	Onlik	,,	,,	499, 500	170
1141	,,	,,	,,	,,	501	170
1143	Æ	6 Sequin Z.M.	Islámból	Maḥmood I.	502	171
,,	,,	2 Sequin Z.M.	,,	,,	503-507	171-2
,,	,,	Sequin F.	,,	,,	508	172
,,	,,	½ ,, ,,	,,	,,	509, 510	172
,,	,,	Sequin Z.M.	,,	,,	511-513	173
,,	,,	½ ,, ,,	,,	,,	514, 515	173
,,	Æ	Piastre	Constantinople	,,	516-519	174
,,	,,	Zolota	,,	,,	520	174
,,	,,	Yigirmilik	,,	,,	521-523	175
,,	,,	Onlik	,,	,,	524, 525	175
,,	,,	Beshlik	,,	,,	526-529	175-6
,,	,,	Para	,,	,,	530-533	176
,,	,,	Akcheh	,,	,,	534-537	176-7
,,	,,	Beshlik	Kenjeh	,,	538	177
,,	,,	Onlik	Tiflees	,,	539	177
,,	Æ	3 Sequin Z.M.	Egypt	,,	541	178
,,	,,	Sequin Z.M.	,,	,,	542-549	179-180
,,	,,	½ ,, ,,	,,	,,	550	180
,,	,,	Sequin F.	,,	,,	551, 552	180
,,	,,	½ ,, ,,	,,	,,	553	181
,,	Æ	Para	,,	,,	554-557	181
,,	Æ	½ Sequin F.	Algiers	,,	569	184
1144	,,	¼ ,, ,,	,,	,,	573	185
1146?	Æ	Manghir	Diyárbekr	,,	540	178
1147	Æ	½ Sequin F.	Algiers	,,	570	185
1148	,,	¼ ,, ,,	,,	,,	574	185
,,	Æ	Onlik	Tunis	,,	559	182
1150	,,	,,	,,	,,	560	182
1151	Æ	*x*	,, ?	,,	568	184
1152	Æ	Onlik	,,	,,	561, 562	183
1156	Æ	¼ Sequin F.	Algiers	,,	575	186
1157	Æ	*x*	Tunis	,,	567	184
1162	Æ	½ Sequin F.	Algiers	,,	571	185
1163	,,	,, ,, ,,	,,	,,	572	185
,,	Æ	Onlik	Tunis	,,	563	183
1164	,,	,,	,,	,,	564	183

A.H.	Metal.	DENOMINATION.	MINT.	'OTHMÁNLEE SULṬÁN.	NO.	Page.
1166	Æ	Onlik	Tunis	Maḥmood I.	565	183
,,	Æ	¼ Sequin F.	Algiers	,,	576	186
1167	Æ	Onlik	Tunis	,,	566	183
1168	Æ	4 Sequin Z.M.	Islámból	'Othmán III.	577	187
,,	,,	2 ,, ,,	,,	,,	577*a*, 578	187
,,	,,	½ ,, ,,	,,	,,	579	187
,,	Æ	Piastre	Constantinople	,,	580	188
,,	,,	Onlik	,,	,,	581	188
,,	,,	Beshlik	,,	,,	582	188
,,	,,	Para	,,	,,	583, 584	188
,,	Æ	2 Sequin Z.M.	Egypt	,,	585	189
,,	,,	½ ,, ,,	,,	,,	586, 587	189
,,	Æ	*x*	Tripoli	,,	588	190
1170	Æ	½ Sequin F.	Algiers	,,	589	190
1171*	,,	,, ,, ,,	Islámból	Muṣṭafá III.	599	193
,,	Æ	Beshlik	,,	,,	626	199
,,	,,	Para	,,	,,	628	199
,,	Æ	*x*	Aleppo	,,	635	200
,,	Æ	2 Sequin Z.M.	Egypt	,,	637	201
,,	,,	Sequin Z.M.	,,	,,	638	202
,,	Æ	Para	,,	,,	639	202
,,	Æ	Sequin F.	Tripoli	,,	649	206
,,	Æ	*x*	Tunis	,,	655	208
1172	Æ	Onbeshlik	Islámból	,,	621	197
,,	,,	Para	Egypt	,,	640	202
,,	Æ	*x*	Tunis	,,	655	208
,,	,,	*x*	,,	,,	668	210
,,	Æ	Onlik	Algiers	,,	674	211
1173	Æ	Sequin F.	Islámból	,,	595	192
,,	Æ	*x*	Tunis	,,	657, 669, 673	208,210
,,	Æ	Beshlik	Algiers	,,	676	211
1174	,,	Yigirmilik	Islámból	,,	619	197
,,	Æ	*x*	Tunis	,,	658, 659, 670	208,210
1175	Æ	Sequin F.	Islámból	,,	596	192
,,	Æ	*x*	Tunis	,,	660, 671	208,210
1176	Æ	Sequin F.	Islámból	,,	597	192
,,	Æ	Piastre	,,	,,	611	195
,,	Æ	*x*	Tunis	,,	661	209
1177	Æ	Sequin F.	Islámból	,,	598	193
,,	,,	½ ,, ,,	,,	,,	600	193
,,	,,	Sequin Z.M.	,,	,,	601	193

* During the reign of Muṣṭafá III., the coins carry two dates, one being the year of accession, the other an abbreviation of the actual year of issue. The latter is the one given in this index.

A.H.	Metal.	DENOMINATION.	MINT.	'OTHMÁNLEE SULṬÁN.	NO.	Page.
1177	Ⱥ	½ Sequin Z.M.	Islámból	Muṣṭafá III.	604	194
,,	Ⱥ	Onlik	,,	,,	622	198
,,	,,	Para	,,	,,	631	200
,,	Æ	x	Tunis	,,	662	209
1178	Ⱥ	2 Sequin Z.M.	Islámból	,,	591	191
,,	,,	Sequin Z.M.	,,	,,	602	193
,,	Ⱥ	Altmishlik	,,	,,	610	195
,,	Æ	x	Tunis	,,	663, 672	209-10
1179	Ⱥ	4 Sequin Z.M.	Islámból	,,	590	191
,,	,,	2 ,, ,,	,,	,,	592	191
1180	,,	,, ,, ,,	,,	,,	593	192
,,	Ⱥ	Onlik	,,	,,	623	198
,,	,,	Para	,,	,,	632	200
,,	,,	Akcheh	,,	,,	633	200
,,	Æ	x	Tunis	,,	664	209
1181	Ⱥ	2 Sequin Z.M.	Islámból	,,	594	192
,,	,,	½ ,, ,,	,,	,,	605	194
,,	Ⱥ	Onlik	,,	,,	624	198
,,	,,	Akcheh	,,	,,	634	200
,,	Ⱥ	Sequin Z.M.	Tunis	,,	652, 653	207
1182	,,	½ ,, ,,	Islámból	,,	606	194
,,	Ⱥ	Piastre	,,	,,	612	196
,,	,,	Para	Egypt	,,	641	202
,,	,,	Onlik	Algiers	,,	675	211
1183	,,	Piastre	Islámból	,,	613	196
,,	,,	Onlik	,,	,,	625	198
,,	Ⱥ	Sequin Z.M.	Egypt	Muṣṭafa III. and 'Alee Bey.	645	204
,,	Ⱥ	Piastre	,,	,,	647	205
,,	,,	Yigirmilik	,,	,,	648	205
1184	Ⱥ	Sequin Z.M.	Islámból	Muṣṭafa III.	603	194
,,	,,	½ ,, ,,	,,	,,	607	194
,,	Ⱥ	Piastre	,,	,,	614	196
,,	,,	Para	,,	,,	629	199
1185	Ⱥ	½ Sequin Z.M.	,,	,,	608	194
,,	Ⱥ	Piastre	,,	,,	615	196
,,	,,	Zolota	,,	,,	616	196
,,	,,	Yigirmilik	,,	,,	620	197
,,	,,	Para	,,	,,	630	199
,,	Æ	x	Egypt	,,	643	203
,,	Ⱥ	½ Sequin Z.M.	Tunis	,,	654	207
,,	Ⱥ	Beshlik	Algiers	,,	677	211
1186	Ⱥ	½ Sequin Z.M.	Islámból	,,	609	195
,,	Ⱥ	Zolota	,,	,,	617	197
,,	Ⱥ	2 Sequin Z.M.	Egypt	Muṣṭafá III. and 'Alee Bey.	644	204
,,	,,	Sequin Z.M.	,,	,,	646	204

A.H.	Year of Reign.	Metal.	DENOMINATION.	MINT.	'OTHMÁNLEE SULṬÁN.	NO.	Page.
1186		Æ	*x*	Tunis	Muṣṭafá III.	665	209
1187		Æ	Zolota	Islámból	,,	618	197
,,		,,	Para	Egypt	,,	642	203
,,		Æ	*x*	Tunis	,,	666	209
1188*		,,	*x*	,,	,,	667	209
1187†	1†	Æ	2 Sequin Z.M.	Islámból	'Abd-El-Ḥameed I.	678	212
,,	,,	,,	½ ,, ,,	,,	,,	687	214
,,	,,	Æ	Altmishlik	Constantinople	,,	695	216
,,	,,	,,	Piastre	,,	,,	698	216
,,	,,	,,	Zolota	,,	,,	704	217
,,	,,	,,	Para	,,	,,	716	220
,,	,,	Æ	*x*	,,	,,	726	222
,,	—	Æ	Para	Egypt	,,	733, 734	224
1188	2	Æ	Sequin Z.M.	Islámból	,,	683	213
,,	,,	,,	½ ,, ,,	,,	,,	688	214
,,	,,	,,	¼ Sequin F.	,,	,,	689	214
,,	,,	Æ	Piastre	Constantinople	,,	699, 700	217
,,	,,	,,	Zolota	,,	,,	705	218
,,	,,	,,	Yigirmilik	,,	,,	706	218
,,	,,	,,	Onlik	,,	,,	707	218
,,	,,	,,	Beshlik	,,	,,	712	219
,,	,,	,,	Para	,,	,,	717	220
,,	,,	,,	Akcheh	,,	,,	721	221
,,	,,	Æ	*x*	,,	,,	727	222
,,	,,	Æ	Sequin Z.M.	Egypt	,,	730, 731	223
,,	,,	,,	½ ,, ,,	,,	,,	732	224
,,	—	,,	,, ,, ,,	Tunis	,,	739	226
,,	—	Æ	*x*	,,	,,	742	227
,,	—	,,	*x*	Tripoli	,,	737, 738	225
1189	3	Æ	Piastre	Constantinople	,,	701	217
,,	,,	,,	Akcheh	,,	,,	722	221
,,	—	Æ	½ Sequin Z.M.	Tunis	,,	746	226
,,	—	Æ	Onlik	Algiers	,,	748	228
1190	4	,,	Para	Constantinople	,,	718	220
,,	—	Æ	Sequin F.	Algiers	,,	744	227
,,	—	Æ	Onlik	,,	,,	749	229
1191	5	Æ	Sequin Z.M.	Islámból	,,	684	213
,,	,,	Æ	Beshlik	Constantinople	,,	713	219
,,	—	,,	,,	Algiers	,,	751	229
1192	6	Æ	Onlik	Constantinople	,,	708	218

* This date belongs to the next reign. Perhaps the change of sovereigns had not reached Tunis.

† Henceforward, most of the coins bear the date of accession and the year of the reign. The latter is given in the second column, and the resulting date (which does not appear in this form on the coins) in the first column: when there is no year of reign, however, the date in the first column alone appears on the coins.

A.H.	Year of Reign.	Metal.	DENOMINATION.	MINT.	'OTHMÁNLEE SULṬÁN.	NO.	Page.
1192	6	Æ	Para	Constantinople	'Abd-El-Ḥameed I.	719	220
,,	—	Æ	Sequin F.	Algiers	,,	745	227
,,	—	Æ	Beshlik	,,	,,	752	229
1193	7	Æ	2 Sequin Z.M.	Islámból	,,	679	212
,,	,,	,,	Sequin Z.M.	Tripoli	,,	735	225
,,	,,	Æ	Piastre	,,	,,	736	225
1194	8	Æ	Sequin Z.M.	Islámból	,,	685	214
,,	,,	,,	¼ Sequin F.	,,	,,	690	215
,,	—	,,	Sequin F.	Algiers	,,	746	228
,,	—	,,	¼ ,, ,,	,,	,,	747	228
1195	9	Æ	Sequin Z.M.	Islámból	,,	686	214
,,	,,	Æ	Altmishlik	Constantinople	,,	696	216
,,	,,	,,	Onlik	,,	,,	709	218
,,	,,	,,	Beshlik	,,	,,	714	219
,,	,,	,,	Onlik	Baghdád	,,	728	222
,,	,,	,,	Beshlik	,,	,,	729	223
1196	10	Æ	2 Sequin Z.M.	Islámból	,,	680	212
,,	,,	,,	¼ Sequin F.	,,	,,	691	215
,,	,,	Æ	Piastre	Constantinople	,,	702	217
,,	—	,,	Onlik	,,	,,	710	219
,,	—	,,	,,	Algiers	,,	750	229
,,	—	,,	Beshlik	,,	,,	753	229
1197	11	Æ	2 Sequin Z.M.	Islámból	,,	681	213
,,	,,	,,	¼ Sequin F.	,,	,,	692	215
,,	,,	Æ	Altmishlik	Constantinople	,,	697	216
,,	,,	,,	Akcheh	,,	,,	723	221
1198	12	Æ	½ Sequin F.	Islámból	,,	693	215
,,	,,	Æ	Para	Constantinople	,,	720	221
,,	—	Æ	*x*	Tunis	,,	741	226
,,?	—	,,	*x*	,,	,,	743	227
1199	13	Æ	Piastre	Constantinople	,,	703	217
,,	,,	,,	Akcheh	,,	,,	724	221
1200	14	,,	Beshlik	,,	,,	715	220
,,	,,	,,	Akcheh	,,	,,	725	222
1201	15	Æ	2 Sequin Z.M.	Islámból	,,	682	213
1202	16	,,	¼ Sequin F.	,,	,,	694	215
,,	,,	Æ	Onlik	Constantinople	,,	711	219
1203	1	Æ	2 Sequin Z.M.	Islámból	Seleem III.	754	230
,,	,,	,,	Sequin F.	,,	,,	761	232
,,	,,	,,	¼ ,, ,,	,,	,,	763	232
,,	,,	Æ	Piastre	,,	,,	792	238
,,	,,	,,	Onlik	,,	,,	796	239
,,	,,	,,	Akcheh	,,	,,	808	242
,,	—	Æ	½ Sequin Z.M.	Egypt	,,	810, 811	243
,,	—	Æ	Beshlik	Tripoli	,,	818	246
1204	2	Æ	Sequin F.	Islámból	,,	762	232

A.H.	Year of Reign.	Metal.	DENOMINATION.	MINT.	'OTHMÁNLEE SULṬÁN.	NO.	Page.
1204	2	Æ	Yuzlik	Islámból	Seleem III.	781	236
,,	,,	,,	Altmishlik	,,	,,	789	238
,,	,,	,,	Onlik	,,	,,	797	240
1205	3	Æ	¼ Sequin F.	,,	,,	764	232
,,	,,	Æ	Altmishlik	,,	,,	790	238
1206	4	Æ	¼ Sequin F.	,,	,,	765	233
,,	,,	Æ	Yuzlik	,,	,,	782	236
,,	,,	,,	Piastre	,,	,,	793	239
,,	,,	,,	Para	,,	,,	803	241
1207	5	Æ	½ Sequin Z.M.	,,	,,	759	231
,,	,,	,,	¼ Sequin F.	,,	,,	766	233
,,	,,	Æ	Yuzlik	,,	,,	783	237
,,	,,	,,	Piastre	,,	,,	794	239
,,	,,	,,	Yigirmilik	,,	,,	795	239
,,	,,	,,	Onlik	,,	,,	798	240
,,	,,	,,	Beshlik	,,	,,	800	240
,,	,,	,,	Para	,,	,,	804	241
,,	—	,,	Beshlik	Algiers	,,	825	248
1208	6	Æ	Sequin Z.M.	Islámból	,,	755	230
,,	,,	,,	½ ,, ,,	,,	,,	760	231
,,	,,	,,	¼ Sequin F.	,,	,,	767	233
,,	,,	Æ	Beshlik	,,	,,	801	241
,,	—	Æ	—	Tunis	,,	821	246
1209	7	Æ	¼ Sequin F.	Islámból	,,	768	233
,,	,,	Æ	Para	Egypt	,,	814	244
1210	8	Æ	Sequin Z.M.	Islámból	,,	756	231
,,	,,	Æ	Yuzlik	,,	,,	784	237
,,	,,	,,	Beshlik	,,	,,	802	241
,,	—	,,	,,	Tripoli	,,	819	246
,,	—	,,	,,	Algiers	,,	826	248
1211	9	Æ	¼ Sequin F.	Islámból	,,	769	233
1212	10	,,	,,	,,	,,	770	234
,,	,,	Æ	Yuzlik	,,	,,	785	237
1213	11	Æ	Sequin Z.M.	,,	,,	757	231
,,	,,	,,	¼ Sequin F.	,,	,,	771, 772	234
,,	,,	Æ	Para	,,	,,	805	242
,,	—	Æ	¼ Sequin F.	Algiers	,,	823	247
1214	12	,,	Sequin Z.M.	Islámból	,,	758	231
,,	,,	,,	¼ Sequin F.	,,	,,	773	234
,,	,,	Æ	Yuzlik	,,	,,	786	237
,,	,,	,,	Para	,,	,,	806	242
1215	13	Æ	¼ Sequin F.	,,	,,	774	234
,,	,,	Æ	Para	,,	,,	807	242
,,	,,	,,	Yigirmilik	Egypt	,,	813	244
1216	14	Æ	¼ Sequin F.	Islámból	,,	775	235
,,	,,	Æ	Altmishlik	,,	,,	791	238
,,	,,	,,	Yigirmilik	Tripoli	,,	817	245

A.H.	Year of Reign.	Metal.	DENOMINATION.	MINT.	'OTHMÁNLEE SULṬÁN.	NO.	Page.
1217	15	Æ	Yuzlik	Islámból	Seleem III.	787	237
,,	,,	Æ	Sequin F.	Tripoli	,,	815	245
,,	—	,,	½ ,, ,,	Algiers	,,	822	247
1218	16	,,	¼ ,, ,,	Islámból	,,	776, 777	235
,,	,,	Æ	Yuzlik	,,	,,	788	237
,,	,,	,,	Onlik	,,	,,	799	240
,,	,,	,,	Piastre	Egypt	,,	812	244
1219	17	Æ	½ Sequin F.	Islámból	,,	778, 779	235-6
,,	,,	,,	Sequin F.	Tripoli	,,	816	245
1220	18	,,	¼ Sequin F.	Islámból	,,	780	236
,,	,,	Æ	—	,,	,,	809	243
1222	—	Æ	Onlik	Algiers	,,	824	247
1222	1	Æ	Sequin F.	Constantinople	Muṣṭafá IV.	827	249
,,	,,	,,	Sequin Z.M.	,,	,,	829	250
,,	,,	,,	½ ,, ,,	,,	,,	830	250
,,	,,	Æ	Altmishlik	,,	,,	831	250
,,	,,	,,	Piastre	,,	,,	832	251
,,	,,	,,	Onlik	,,	,,	833	251
,,	,,	,,	Para	,,	,,	835	251
,,	—	Æ	Sequin F.	Algiers	,,	836	252
1223	2	,,	¼ ,, ,,	Constantinople	,,	828	249
,,	,,	Æ	Beshlik	—	,,	834	251
1223	1	Æ	Sequin Z.M.	Constantinople	Maḥmood II.	837	253
,,	,,	,,	½ ,, ,,	,,	,,	839	254
,,	,,	,,	¼ Sequin F.	,,	,,	843	255
,,	,,	Æ	Yuzlik	,,	,,	935	277
,,	,,	,,	Yigirmi-paralik	,,	,,	940	278
,,	,,	,,	On-paralik	,,	,,	944	279
,,	—	Æ	—	Mekkeh	,,	976	290
,,	—	,,	—	Tripoli	,,	1000	298
						1003-4	299
						1007-8	300
1224	2	Æ	¼ Sequin F.	Constantinople	,,	844	255
,,	,,	Æ	Yigirmi-paralik	,,	,,	941	279
,,	,,	,,	Para	,,	,,	945	279
1225	3	Æ	¼ Sequin F.	,,	,,	845	255
,,	,,	Æ	Old Beshlik	,,	,,	931	276
,,	,,	,,	Yigirmi-paralik	,,	,,	942	279
1226	4	Æ	¼ Sequin F.	,,	,,	846	255
1227	5	,,	,, ,, ,,	,,	,,	847	256
,,	,,	Æ	Altmishlik	,,	,,	936	278
1228	6	Æ	¼ Sequin F.	,,	,,	848	256
,,	,,	Æ	Altmishlik	,,	,,	937	278
,,	,,	,,	Yigirmi-paralik	,,	,,	943	279
1229	7	Æ	¼ Sequin F.	,,	,,	849	256
,,	,,	Æ	Old Beshlik	,,	,,	932	277
,,	,,	,,	Piastre	Egypt	,,	986	294

A.H.	Year of Reign.	Metal.	DENOMINATION.	MINT.	'OTHMÁNLEE SULṬÁN.	NO.	Page.
1230	8	Ⱥ	¼ Sequin F.	Constantinople	Maḥmood II.	850	256
,,	—	Æ	—	[Algiers ?]	,,	1044	309
1231	9	Ⱥ	Sequin Z.M.	Constantinople	,,	838	253
,,	,,	,,	¼ Sequin F.	,,	,,	851	256
,,	,,	,,	2 Sequin Z.M.	,,	,,	860, 867	259, 261
,,	,,	Ⱥ	Old Beshlik	,,	,,	933	277
,,	—	Æ	—	Baghdád	(Sa'eed Pasha)	969-971	289
1232	10	Ⱥ	¼ Sequin F.	Constantinople	Maḥmood II.	852	257
,,	,,	,,	2 Sequin Z.M.	,,	,,	861, 868	259, 261
,,	,,	,,	Sequin Z.M.	,,	,,	869	261
,,	,,	,,	½ ,, ,,	,,	,,	864	260
,,	—	Ⱥ	—	Algiers	,,	1029	305
1233	11	Ⱥ	¼ Sequin F.	Constantinople	,,	853	257
,,	,,	,,	2 Sequin Z.M.	,,	,,	862	259
,,	,,	,,	Sequin Z.M.	,,	,,	870	262
,,	,,	,,	½ ,, ,,	,,	,,	865	260
1234	12	,,	¼ Sequin F.	,,	,,	854	257
,,	,,	,,	2 Sequin Z.M.	,,	,,	863	259
,,	,,	,,	Sequin Z.M.	,,	,,	871	262
1235	13	,,	¼ Sequin F.	,,	,,	855	257
,,	,,	,,	Sequin Z.M.	,,	,,	872	262
,,	,,	,,	½ ,, ,,	,,	,,	866	260
,,	,,	Æ	—	Tripoli	,,	1001	299
,,	,,	,,	—	Algiers	,,	1033-4	306, 307
1236	14	Ⱥ	¼ Sequin F.	Constantinople	,,	856	257
,,	,,	,,	Sequin Z.M.	,,	,,	873	262
,,	,,	Ⱥ	Yuzlik	,,	,,	934	277
,,	,,	,,	Piastre	,,	,,	938	278
1237	15	Ⱥ	¼ Sequin F.	,,	,,	857	258
,,	,,	,,	Sequin Z.M.	,,	,,	874	262
,,	,,	,,	Sequin ('Adlee)	,,	,,	875	263
,,	,,	,,	¼ ,, ,,	,,	,,	878	264
,,	,,	Ⱥ	Piastre	,,	,,	939	278
,,	,,	,,	—	Algiers	,,	1030, 1035, 1041	306-308
1238	16	Ⱥ	¼ Sequin F.	Constantinople	,,	858	258
,,	,,	,,	Sequin ('Adlee)	,,	,,	876, 880	263, 264
,,	,,	,,	½ ,, ,,	,,	,,	877, 885	263, 265
,,	,,	,,	¼ ,, ,,	,,	,,	879	264
,,	,,	Æ	—	Baghdád	,,	972	289
,,	,,	Ⱥ	¼ Sequin F.	Egypt	,,	977	291
,,	—	Æ	—	Algiers	,,	1031, 1038	306, 307
1239	17	Ⱥ	Sequin ('Adlee)	Constantinople	,,	840, 881	254, 265
,,	,,	,,	½ ,, ,,	,,	,,	886	266
,,	,,	,,	¼ Sequin F.	,,	,,	859	258

A.H.	Year of Reign.	Metal.	DENOMINATION.	MINT.	'OTHMÁNLEE SULṬÁN.	NO.	Page.
1239	17	Ⱥ	¼ Sequin ('Adlee)	Constantinople	Maḥmood II.	889	266
,, ?	—	Æ	—	Ván	,,	968	288
,,	,,	Ⱥ	½ Sequin F.	Algiers	,,	1028	305
,,	—	Æ	—	,,	,,	1032, 1037	306, 307
1240	18	Ⱥ	Sequin ('Adlee)	Constantinople	,,	882	265
,,	,,	,,	½ ,, ,,	,,	,,	887	266
,,	—	,,	¼ ,, ,,	,,	,,	890	267
,,	,,	Ⱥ	Altmishlik	,,	,,	946	280
,,	,,	,,	Yigirmi-paralik	,,	,,	948	280
,,	—	Æ	—	Baghdád	,,	973	290
,,	,,	Ⱥ	Besh-paralik	Egypt	,,	986*a*	294
,,	,,	Æ	—	Tripoli	,,	1005	299
,,	—	,,	—	Algiers	,,	1038	307
1241	19	Ⱥ	Sequin ('Adlee)	Constantinople	,,	883	265
,,	,,	,,	¼ ,, ,,	,,	,,	891	267
,,	,,	Ⱥ	Piastre	,,	,,	947	280
,,	,,	Ⱥ	Sequin F.	Algiers	,,	1027	305
1242	20	,,	Sequin ('Adlee)	Constantinople	,,	884	265
,,	,,	,,	½ ,, ,,	,,	,,	888	266
,,	,,	,,	¼ ,, ,,	,,	,,	892	267
,,	,,	Æ	—	Tripoli	,,	998,999, 1006	298, 300
,,	—	Ⱥ	—	Tunis	,,	1023	304
,,	—	Æ	—	Algiers	,,	1042	308
1243	21	Ⱥ	¼ Sequin ('Adlee)	Constantinople	,,	893	267
,,	,,	,,	2 ,, ,,	,,	,,	897	268
,,	—	,,	Sequin ('Adlee)	,,	,,	898	269
,,	,,	,,	½ ,, ,,	,,	,,	904	270
,,	,,	Ⱥ	On-paralik	,,	,,	949	281
,,	,,	,,	Besh-paralik	,,	,,	950	281
,,	,,	,,	,,	Egypt	,,	988	295
,,	,,	Æ	—	Tripoli	,,	1011	301
1244	22	Ⱥ	½ Sequin ('Adlee)	Constantinople	,,	841, 905	254, 270
,,	,,	,,	¼ ,, ,,	,,	,,	894	267
,,	,,	,,	Sequin ,,	,,	,,	899	269
,,	,,	Ⱥ	On-paralik	,,	,,	963	285
,,	,,	Ⱥ	½ Sequin ('Adlee)	Egypt	,,	978	291
,,	,,	,,	¼ ,, ,,	,,	,,	980	292
,,	,,	Ⱥ	Yigirmi-paralik	,,	,,	987	294
,,	—	Æ	—	Algiers	,,	1039, 1043	308
1245	23	Ⱥ	Sequin ('Adlee)	Constantinople	,,	900	269
,,	,,	,,	½ ,, ,,	,,	,,	906	270
,,	,,	,,	¼ ,, ,,	,,	,,	895	268
,,	,,	Ⱥ	New Beshlik	,,	,,	951	281
,,	,,	,,	Piastre	,,	,,	953	282

A.H.	Year of Reign.	Metal.	DENOMINATION.	MINT.	'OTHMÁNLEE SULṬÁN.	NO.	Page.
1245	23	Æ	Piastre	Tripoli	Maḥmood II.	1012, 1014	301, 302
,,	—	,,	—	Tunis	,,	1024	304
1246	24	Ⱥ	Sequin ('Adlee)	Constantinople	,,	901	269
,,	,,	,,	,, ,,	,,	,,	907	270
,,	,,	,,	,, ,,	,,	,,	896, 909	268, 271
,,	,,	Æ	Piastre	,,	,,	953*a*	283
,,	—	,,	Yigirmi-paralik	,,	,,	957	283
,,	,,	Ⱥ	¼ Sequin ('Adlee)	Egypt	,,	981	292
1247	25	,,	Sequin ,,	Constantinople	,,	902	269
,,	,,	,,	½ ,, ,,	,,	,,	908	271
,,	,,	,,	¼ ,, ,,	,,	,,	910	271
,,	,,	Æ	New Beshlik	,,	,,	951*a*	282
,,	,,	,,	Yuzlik	,,	,,	952	282
,,	,,	,,	Yigirmi-paralik	,,	,,	958	284
,,	,,	,,	Para	,,	,,	965	287
,,	—	Æ	—	,, (or Constantineh)	,,	967	288
,,	,,	,,	—	Tripoli	,,	1015, 1017, 1019	302, 303
1248	26	Ⱥ	Sequin ('Adlee)	Constantinople	,,	903, 913	270, 272
,,	,,	,,	½ ,, ,,	,,	,,	920	274
,,	,,	,,	¼ ,, ,,	,,	,,	911	271
,,	,,	Æ	New Beshlik	,,	,,	951*b*	282
,,	,,	,,	Yuzlik	,,	,,	952*a*	282
,,	,,	,,	Altilik	,,	,,	964	285
,,	,,	Æ	—	Baghdád	,,	974	290
,,	,,	Ⱥ	½ Sequin ('Adlee)	Egypt	,,	979	291
1249	27	,,	Sequin ,,	Constantinople	,,	914	272
,,	,,	,,	½ ,, ,,	,,	,,	921	274
,,	,,	,,	¼ ,, ,,	,,	,,	912	272
,,	,,	Æ	Piastre	,,	,,	954	283
,,	,,	,,	Yigirmi-paralik	,,	,,	959	284
,,	,,	,,	Uchlik	,,	,,	964*c*	286
1250	28	Ⱥ	Sequin ('Adlee)	,,	,,	915	273
,,	,,	,,	½ ,, ,,	,,	,,	922	274
,,	,,	,,	¼ ,, ,,	,,	,,	927	275
,,	,,	Æ ½	Piastre	,,	,,	955	283
,,	,,	,,	Yigirmi-paralik	,,	,,	960	284
,,	,,	,,	Altilik	,,	,,	964*a*	286
,,	,,	,,	Para	,,	,,	965*a*	287
,,	,,	Æ	—	Baghdád	,,	975	290
,,	,,	,,	Para	Egypt	,,	995	297
,,	—	,,	—	Tripoli	,,	1020	303
1251	29	Ⱥ	Sequin ('Adlee)	Constantinople	,,	916	273
,,	,,	,,	½ ,, ,,	,,	,,	842, 923	254, 274
,,	,,	,,	¼ ,, ,,	,,	,,	928	275

A.H.	Year of Reign.	Metal.	DENOMINATION.	MINT.	'OTHMÁNLEE SULṬÁN.	NO.	Page.
1251	29	Æ	Yigirmi-paralik	Constantinople	Maḥmood II.	961	284
,,	,,	,,	On-paralik	,,	,,	963*a*	285
,,	,,	,,	Altilik	,,	,,	964*b*	286
,,	,,	,,	Uchlik	,,	,,	964*d*	286
,,	,,	,,	Para	,,	,,	966	288
,,	,,	Æ	½ Sequin('Adlee)	Egypt	,,	982	292
,,	,,	,,	10 Piastres	,,	,,	985	283
,,	,,	Æ	10 Paras	,,	,,	991	296
,,	,,	Æ	5 Paras	,,	,,	992	296
,,	,,	,,	Para	,,	,,	996, 997	297
,,	,,	,,	—	Tripoli	,,	1021	303
1252	30	Æ	Sequin ('Adlee)	Constantinople	,,	917	273
,,	,,	,,	½ ,, ,,	,,	,,	924	275
,,	,,	Æ	Piastre	,,	,,	956	283
,,	,,	,,	Yigirmi-paralik	,,	,,	962	284
,,	,,	,,	Altmishlik	,,	,,	964*c*	287
,,	,,	,,	Piastre	Egypt	,,	990	295
,,	,,	Æ	5 Paras	,,	,,	993	296
,,	—	Æ	—	Tunis	,,	1025	304
1253	31	Æ	Sequin ('Adlee)	Constantinople	,,	918	273
,,	,,	,,	½ ,, ,,	,,	,,	925	275
,,	,,	,,	¼ ,, ,,	,,	,,	929	276
,,	,,	Æ	Yigirmi-paralik	,,	,,	962*a*	285
,,	,,	,,	Altmishlik	,,	,,	964*f*	287
,,	,,	Æ	20 Piastres	,,	,,	983	293
,,	,,	Æ	,, ,,	,,	,,	989	295
,,	,,	Æ	5 Paras	,,	,,	994	297
,,	,,	Æ	Yigirmilik	Constantineh	,,	1045	309
1254	32	Æ	Sequin ('Adlee)	Constantinople	,,	919	273
,,	,,	,,	½ ,, ,,	,,	,,	926	275
,,	,,	,,	¼ ,, ,,	,,	,,	930	276
,,	,,	Æ	Yigirmi-paralik	,,	,,	962*b*	285
,,	,,	Æ	20 Piastres	Egypt	,,	984	293
,,	—	Æ	—	Tunis	,,	1026	304
[1256	34	Æ	—	Tripoli	,,	1022	303]
1255	1	Æ	Sequin	Constantinople	'Abd-El-Mejeed	1046	310
,,	,,	,,	½ ,,	,,	,,	1048	310
,,	,,	,,	¼ ,,	,,	,,	1050	311
,,	,,	Æ	Uchlik	,,	,,	1052	311
,,	,,	,,	On-paralik	,,	,,	1053*a*	312
,,	—	Æ	—	Baghdád	,,	1105	323
,,	,,	,,	5 Paras	Egypt	,,	1122	327
1256	2	Æ	Yigirmi-paralik	Constantinople	,,	1052*b*	312
,,	,,	Æ	5 Paras	Egypt	,,	1123	327
,,	,,	,,	Para	,,	,,	1130	329
1257	3	Æ	½ Sequin	Constantinople	,,	1049	311
,,	,,	,,	5 Piastres	Egypt	,,	1108	324

A.H.	Year of Reign.	Metal.	DENOMINATION.	MINT.	'OTHMÁNLEE SULṬÁN.	NO.	Page.
1258	4	Æ	Yigirmi-paralik	Constantinople	'Abd-El-Mejeed	1053	312
,,	,,	,,	5 Piastres	Egypt	,,	1115	325
,,	,,	Æ	5 Paras	,,	,,	1124	327
,,	,,	,,	Para	,,	,,	1131	329
1259	5	Æ	Sequin	Constantinople	,,	1047	310
,,	,,	,,	¼ ,,	,,	,,	1051	311
,,	,,	Æ	Altmishlik	,,	,,	1052*a*	311
,,	,,	Æ	100 Piastres	Egypt	,,	1106	323
,,	,,	,,	50 ,,	,,	,,	1107	323
,,	,,	Æ	10 ,,	,,	,,	1114	325
,,	,,	,,	Piastre	,,	,,	1116	326
,,	,,	Æ	5 Paras	,,	,,	1125	328
,,	,,	,,	Para	,,	,,	1132	329
1260	6	Æ	100 Piastres	Constantinople	,,	1054	312
,,	,,	,,	50 ,,	,,	,,	1056	313
,,	,,	Æ	20 ,,	,,	,,	1057	313
,,	,,	,,	10 ,,	,,	,,	1059	314
,,	,,	,,	5 ,,	,,	,,	1061	314
,,	,,	,,	Piastre	,,	,,	1066	315
,,	,,	Æ	5 Piastres	Egypt	,,	1109	324
,,	,,	Æ	20 Paras	,,	,,	1118	326
,,	,,	Æ	5 ,,	,,	,,	1126, 1128	328
1261	7	Æ	10 Piastres	Constantinople	,,	1060	314
,,	,,	,,	5 ,,	,,	,,	1062	314
,,	,,	,,	2 ,,	,,	,,	1064	314
,,	,,	Æ	5 Paras	,,	,,	1089	319
,,	,,	Æ	10 ,,	Egypt	,,	1120	326
,,	,,	Æ	5 ,,	,,	,,	1129	328
1262	8	,,	Para	Constantinople	,,	1100	322
,,	,,	,,	5 Paras	Egypt	,,	1129*a*	329
1263	—	Æ	2 Piastres	Tunis	,,	1138	331
,,	—	Æ	Kharoobeh	,,	,,	1141	332
1264	10	Æ	5 Piastres	Constantinople	,,	1063	314
,,	,,	,,	20 Paras	,,	,,	1070	315
,,	,,	Æ	5 Paras	,,	,,	1090	320
,,	,,	,,	Para	,,	,,	1101	322
,,	,,	Æ	5 Piastres	Egypt	,,	1110	324
,,	,,	Æ	Piastre	,,	,,	1117	326
,,	,,	,,	20 Paras	,,	,,	1119	326
,,	—	Æ	⅓ Kharoobeh	Tunis	,,	1144	333
1265	11	Æ	2 Piastres	Constantinople	,,	1065	315
,,	,,	Æ	5 Paras	,,	,,	1091	320
,,	,,	,,	Para	,,	,,	1102	322
,,	—	,,	Kharoobeh	Tunis	,,	1142	333
,,	—	,,	⅓ Kharoobeh	,,	,,	1145	333
1266	12	Æ	20 Piastres	Constantinople	,,	1058	313

A.H.	Year of Reign.	Metal.	DENOMINATION.	MINT.	'OṬHMÁNLEE SULṬÁN.	NO.	Page.
1266	12	Æ	Piastre	Constantinople	'Abd-El-Mejeed	1067	315
,,	,,	Æ	5 Paras	,,	,,	1092	320
,,	,,	Æ	10 ,,	Egypt	,,	1121	327
1267	13	Æ	5 ,,	Constantinople	,,	1093	320
1268	14	Æ	100 Piastres	,,	,,	1055	313
,,	,,	Æ	5 Paras	,,	,,	1094	320
,,	,,	,,	Para	,,	,,	1103	322
1269	15	,,	10 Paras	,,	,,	1083	318
,,	,,	,,	5 ,,	,,	,,	1095	321
,,	—	,,	Kharoobeh	Tunis	,,	1143	333
1270	16	Æ	Piastre	Constantinople	,,	1068	315
,,	,,	Æ	20 Paras	,,	,,	1078	317
,,	,,	,,	10 ,,	,,	,,	1084	318
,,	,,	,,	5 ,,	,,	,,	1096	321
,,	,,	,,	Para	,,	,,	1104	322
,,	,,	Æ	5 Piastres	Egypt	,,	1116	324
,,	,,	Æ	10 Paras	,,	,,	1127	328
1271	17	,,	40 ,,	Constantinople	,,	1071	316
,,	,,	,,	20 ,,	,,	,,	1079	317
,,	,,	,,	10 ,,	,,	,,	1085	319
1272	18	,,	40 ,,	,,	,,	1072	316
,,	—	Æ	100 Piastres	Tunis	,, [Moḥ.Bey]	1133	330
,,	—	,,	80 ,,	,,	,,	1134	330
,,	—	,,	40 ,,	,,	,,	1135	331
,,	—	,,	20 ,,	,,	,,	1136	331
,,	—	,,	10 ,,	,,	,,	1137	331
,,	—	Æ	6 Burbehs	,,	,,	1149	334
1273	19	,,	40 Paras	Constantinople	,,	1073	316
,,	,,	,,	20 ,,	,,	,,	1080	318
,,	,,	,,	10 ,,	,,	,,	1086	319
,,	,,	,,	5 ,,	,,	,,	1097	321
,,	,,	Æ	5 Piastres	Egypt	,,	1112	324
,,	—	Æ	2 Kharoobehs	Tunis	,,	1140	332
,,	—	Æ	,,	,,	,,	1146	333
,,	—	,,	3 Burbehs	,,	,,	1150	334
1274	20	,,	40 Paras	Constantinople	,,	1074	316
,,	,,	,,	20 ,,	,,	,,	1080	318
,,	,,	,,	10 ,,	,,	,,	1087	319
,,	,,	,,	5 ,,	,,	,,	1098	321
,,	—	,,	2 Kharoobehs	Tunis	,,	1147	334
1275	21	Æ	Piastre	Constantinople	,,	1069	315
,,	,,	Æ	40 Paras	,,	,,	1075	317
,,	,,	,,	20 ,,	,,	,,	1082	318
,,	,,	,,	10 ,,	,,	,,	1088	319
,,	,,	,,	5 ,,	,,	,,	1099	321
,,	—	Æ	8 Kharoobehs	Tunis	,,	1139	332
,,	—	Æ	2 ,,	,,	,,	1148	334

A.H.	Year of reign.	Metal.	DENOMINATION.	MINT.	'OTHMÁNLEE SULṬÁN.	NO.	Page
1276	22	Æ	40 Paras	Constantinople	'Abd-El-Mejeed	1076	317
,,	,,	Æ	5 Piastres	Egypt	,,	1113	325
1277	23	Æ	40 Paras	Constantinople	,,	1077	317
1277	1	Æ	10 Piastres	,,	'Abd-El-'Azeez	1157	336
,,	,,	,,	20 Paras	,,	,,	1161	337
,,	,,	Æ	,, ,,	,,	,,	1163	338
,,	,,	,,	10 ,,	,,	,,	1165	338
,,	,,	,,	5 ,,	,,	,,	1167-*a*	339
1279	3	Æ	5 Piastres	,,	,,	1158	337
,,	,,	,,	2 ,,	,,	,,	1159	337
,,	,,	,,	Piastre	,,	,,	1160	337
,,	,,	,,	10 Paras	Egypt	,,	1171	340
,,	,,	Æ	20 ,,	,,	,,	1172*a*	340
,,	—	Æ	25 Piastres	Tunis	,, [Moḥ. Ṣádiḳ.]	1181	342
1280	4	Æ	Piastre or 40 Paras	Constantinople	,,	1162	338
,,	,,	,,	20 ,,	,,	,,	1164	338
,,	,,	,,	10 ,,	,,	,,	1166	338
,,	,,	,,	5 ,,	,,	,,	1168	338
,,	,,	,,	20 ,,	Egypt	,,	1173	340
,,	,,	,,	10 ,,	,,	,,	1175	341
,,	,,	,,	4 ,,	,,	,,	1180	341
1281	5	Æ	25 Piastres	Constantinople	,,	1155	336
,,	,,	Æ	Piastre	Egypt	,,	1174	340
,,	—	Æ	10 Piastres	Tunis	,, [Moḥ. Ṣád.]	1183	342
,,	—	Æ	2 Kharoobehs	,,	,, ,,	1185	343
,,	—	,,	1 ,,	,,	,, ,,	1186	343
,,	—	,,	½ ,,	,,	,, ,,	1187	343
,,	—	,,	¼ ,,	,,	,, ,,	1188	344
,,	—	,,	⅛ Akcheh	,,	,, ,,	1189	344
,,	—	,,	1/16 ,,	,,	,, ,,	1190	344
1282	6	,,	20 Paras	Egypt	,,	1175	341
,,	,,	,,	10 ,,	,,	,,	1178	341
1283	7	Æ	500 Piastres	Constantinople	,,	1151	335
,,	,,	Æ	10 Paras	Egypt	,,	1179	341
,,	—	,,	Kharoobeh	Tunis	,, [Moḥ. Ṣád.]	1191	344
1284	8	Æ	250 Piastres	Constantinople	,,	1152	335
1285	9	,,	50 ,,	,,	,,	1154	336
,,	,,	,,	5 ,,	Egypt	,,	1169	339
1286	10	Æ	Piastre	,,	,,	1172	340
1287	11	Æ	20 Piastres	Constantinople	,,	1156	336
1288	12	Æ	100 ,,	,,	,,	1153	335
,,	,,	,,	5 ,,	Egypt	,,	1170	339
1289	—	Æ	2 Piastres	Tunis	,, [Moḥ. Ṣád.]	1184	343
1291	—	Æ	25 ,,	,,	,, ,,	1182	342
1293	1	,,	100 ,,	Constantinople	Murád v.	1192	345
,,	,,	Æ	20 ,,	,,	,,	1193	345

A.H.	Year of Reign.	Metal.	DENOMINATION.	MINT.	OTHMÁNLEE SULṬÁN.	NO.	Page
1293	1	Æ	5 Piastres	Constantinople	Murád v.	1194	346
,,	,,	,,	1 ,,	,,	,,	1195	346
1293	1	,,	20 ,,	,,	'Abd-El-Ḥameed II.	1200	348
,,	,,	,,	1 ,,	,,	,,	1203	348
,,	,,	,,	½ ,,	,,	,,	1204	348
1294	2	Ⱥ	500 ,,	,,	,,	1196	347
1295	3	Æ	10 ,,	,,	,,	1201	348
1296	4	,,	5 ,,	,,	,,	1202	348
1298	6	Ⱥ	100 ,,	,,	,,	1197	347
,,	,,	,,	50 ,,	,,	,,	1198	347
,,	,,	,,	25 ,,	,,	,,	1199	347
1299	7	,,	100 ,,	,,	,,	1197*a*	347

MEDALS.

YEAR. A.H.	A.D.	Metal.	SULṬÁN.	EVENT COMMEMORATED.	NO.	Page
1168	[1754]	Ⱥ	'Othmán III.	New coinage	XVII.	357
[1216]	1801	Ⱥ, Æ	Seleem III.	Egyptian Expedition	I.—IV.	350
1247	[1832]	Ⱥ, Æ	Maḥmood II.	Campaign in Syria	V.—VII.	351
1249	1833	Æ	,,	Russian Troops	VIII.	351
1255	[1839]	Æ	'Abd-El-Mejeed	Reformed Monetary Standard	XVIII.	358
1256	[1840]	Æ, Æ	,,	Campaign in Syria (Acre)	IX. IXA., X.	353-4
1263	[1847]	Ⱥ, Æ	,,	Campaign in Kurdistán	XI. XII.	355
1265	[1849]	Æ	,,	Restoration of St. Sophia	XIX.	358
1270	[1854]	Æ	,,	General Service	XIII.	355
1271	1855	Æ	,,	Crimean War	XIV.	356
1272	1855	Æ	,,	Defence of Kars	XV.	356
1279	[1862]	Æ	,,	Camp. in Montenegro	XVI.	357

II. INDEX OF MINTS.

MINT.	Metal.	A.H.	DYNASTY.	PRINCE.	NO.	Page
آقشهر Áḳshehr ?	Æ	756	Ameers of Ḳaramán	'Alá-ed-deen	43	21
آمد Ámid	Æ	9*xx*	'Othmánlees	Suleymán I.	195	77
	„	982*	„	Murád III.	247, 248	94
	„	1003	„	Moḥammad III.	267-270	102
	Æ	1013	„	Aḥmad I.	291	110
	Æ	1049	„	Ibráheem	356	130
ادرينة Adrianople	Æ	832	'Othmánlees	Murád II.	117	54
	Æ	834	„	„	116	54
	„	855	„	Moḥammad II.	131,131*a*	58
	Æ	857	„	„	133	59
	Æ	87*x*	„	„	132	58
	Æ	8*x*7	„	„	134	59
	„	*x*	„	„	135-138	59
	Æ	886	„	Báyezeed II.	148	63
	Æ	„	„	„	149	63
	Æ	1106	„	Muṣṭafá II.	423-427	153-4
	Æ	„	„	„	428	154
ارزروم Erzeroom	Æ	1031	'Othmánlees	Muṣṭafá I. (B.)	323	120

* See note on Accession years, p. 62.

MINT.	Metal.	A.H.	DYNASTY.	PRINCE.	NO.	Page
ارزنجان Arzenján			*See* no. 33			
	Æ	762	Ameers of Ḳaramán	'Alá-ed-deen	44	21
	,,	765	,, ,,	,,	45	22
	,,	768	,, ,,	,,	46, 47	22
ارض روم Arḍ-Room (*sic*)	Æ	1014	'Othmánlees	Aḥmad I.	283	107
اروان Eriván	Æ	1115	'Othmánlees	Aḥmad III.	482	166
ازمير Smyrna	Æ	1106	'Othmánlees	Muṣṭafá II.	429	155
	Æ	,,	,,	,,	430, 431	155
اسكوب Uskub			*See* سكوب Skub			
اسلامبول Islámból			*See* قسطنطينية Constantinople			
اياثلوغ Ayasuloogh & اياثلق	Æ (*Med.*)	*x*	Ameers of Aydeen	*x*	56	28
	Æ	8*xx*	'Othmánlees	Murád II.	115	54
	,,	865	,,	Moḥammad II.	125-127	57

MINT.	Year of Reign.	Metal.	A.H.	DYNASTY.	PRINCE.	NO.	Page
باران Báran?		Æ	*x*	Ḳara-Kuyunli	Rebellion of Pir Budáḳ Khán	11, 12	7
بروسا بروسة & برسة Brusa		Æ	822	'Othmánlees	Moḥammad I.	100	49
		,,	*x*	,,	,,	101	50
		,,	825	,,	Murád II.	108	52
		Æ	827	,,	,,	110, 111	53
		Æ	834	,,	,,	109	52
		Æ	836	,,	,,	112, 113	53
		,,	852	,,	,,	114	53
		,,	861	,,	Moḥammad II.	120, 121	56
		,,	865	,,	,,	122	56
		,,	867	,,	,,	123	56
		,,	86*x*	,,	,,	124	56
		,,	*x*	,,	Báyezeed II.	153, 154	64
		,,	*x*	,,	Seleem I.	170	70
		,,	963	,,	Suleymán I.	194	77
بغداد Baghdád		Æ	814	Ḳara-Kuyunli	Ḳará-Yoosuf	1, 2	2
		,,	*x*	,,	Jehán Shah	9	5
		,,	974	'Othmánlees	Seleem II.	230	88
		Æ	982	,,	Murád III.	250	95
		Æ	1058	,,	Moḥammad IV.	374, 375	136
		,,	109[9]	,,	Suleymán II.	403	147
		Æ	*x*	,,	Muṣṭafá III.	636	201
	9	Æ	1195	,,	'Abd-El-Ḥameed I.	728, 729	222
	—	Æ	1231	,,	[Sa'eed Pasha]	969, 971	289
	—	,,	1238	,,	Maḥmood II.	972	289
	—	,,	1240	,,	,,	973	290
	26	,,	1248	,,	,,	974	290
	28	,,	1250	,,	,,	975	290
	—	,,	1255	,,	'Abd-El-Mejeed	1105	323

MINT.	Metal.	A.H.	DYNASTY.	PRINCE.	NO.	Page
تبريز Tebreez	Æ	863	Ḳara-Kuyunli	Jehán Sháh	7	4
	,,	*x*	Áḳ-Kuyunli	Uzun Ḥasan	27	12
	,,	1115	'Othmánlees	Aḥmad III.	484-486	166-7
تفليس Tiflees	Æ	1115	'Othmánlees	Aḥmad III.	480	165
	Æ	,,	,,	,,	481	165
	,,	1143	,,	Maḥmood I.	539	177
تلمسان Tilimsán	Æ	988?	'Othmánlees	Murád III.	256	97
تونس Tunis	Æ	9*x*8	'Othmánlees	Suleymán I.	217	84
	Æ	1008	,,	Moḥammad III.	277	104
	Æ	1012	,,	Aḥmad I.	299	112
	,,	1017	,,	,,	300	112
	,,	1019	,,	,,	301	112
	,,	1025	,,	,,	302	112
	,,	*x*	,,	,,	303	112
	,,	1033	,,	Murád IV.	339-341	125
	Æ	1041	,,	,,	342, 343	126
	,,	*x*	,,	,,	344	126
	Æ	10[4]9	,,	Ibráheem	361	132
	Æ	,,	,,	,,	362-364	132
	,,	1060	,,	Moḥammad IV.	389	141
	Æ	1066	,,	,,	388	141
	Æ	1085	,,	,,	390	141
	,,	1090	,,	,,	391	141
	Æ	1091	,,	,,	387	140
	,,	1099	,,	Suleymán II.	407	148
	Æ	1112	,,	Muṣṭafá II.	434	156
	,,	1115	,,	,,	435	156

MINT.	Metal.	A.H.	DYNASTY.	PRINCE.	NO.	Page
تونس Tunis (*continued*)	Æ	1140	'Othmánlees	Aḥmad III.	498	170
	Æ	,,	,,	,,	499, 500	170
	,,	1141	,,	,,	501	170
	,,	1148	,,	Maḥmood I.	559	182
	,,	1150	,,	,,	560	182
	Æ ?	1151	,,	,,	568	184
	Æ	1152	,,	,,	561, 562	183
	Æ	1157	,,	,,	567	184
	Æ	1163	,,	,,	563	183
	,,	1164	,,	,,	564	183
	,,	1166	,,	,,	565	183
	,,	1167	,,	,,	566	183
	Æ	1171	,,	Muṣṭafá III.	655	208
	,,	1172	,,	,,	656, 668	208, 210
	,,	1173	,,	,,	657,669,673	208, 210
	,,	1174	,,	,,	658,659,670	208, 210
	,,	1175	,,	,,	660, 671	208, 210
	,,	1176	,,	,,	661	209
	,,	1177	,,	,,	662	209
	,,	1178	,,	,,	663, 672	209, 210
	,,	1180	,,	,,	664	209
	Æ	1181	,,	,,	652, 653	207
	,,	1185	,,	,,	654	207
	Æ	1186	,,	,,	665	209
	,,	1187	,,	,,	666	209
	,,	1188	,,	,,	667	209
	Æ	,,	,,	'Abd-El-Ḥameed I.	739	226
	Æ	,,	,,	,, ,,	742	227
	Æ	1189	,,	,, ,,	740	226
	Æ	1198	,,	,, ,,	741, 743	226-7
	,,	1208	,,	Seleem III.	821	246
	Æ	1242	,,	Maḥmood II.	1023	304
	,,	1245	,,	,,	1024	304
	,,	1252	,,	,,	1025	304
	,,	1254	,,	,,	1026	304
	,,	1263	,,	'Abd-El-Mejeed	1138	331
	Æ	,,	,,	,,	1141	332
	,,	1264	,,	,,	1144	333
	,,	1265	,,	,,	1142, 1145	333
	,,	1269	,,	,,	1143	333
	Æ	1272	,,	,, [Moḥ. Bey.]	1133-1137	330-1
	Æ	,,	,,	,, ,,	1149	334
	Æ	1273	,,	,, ,,	1140	332
	Æ	,,	,,	,, ,,	1146, 1150	333-4
	,,	1274	,,	,, ,,	1147	334
	Æ	1275	,,	,, ,,	1139	332

MINT.	Metal.	A.H.	DYNASTY.	PRINCE.	NO.	Page
تونس Tunis (*continued*)	Æ	1275	'Othmánlees	'Abd-El-Mejeed [Moḥ.Bey.]	1148	334
	Æ	1279	,,	'Abd-El-'Azeez [Moḥ.Śád.]	1181	342
	,,	1281	,,	,, ,,	1183	342
	Æ	,,	,,	,, ,,	1185, 1190	343-4
	,,	1283	,,	,, ,,	1191	344
	Æ	1289	,,	,, ,,	1184	343
	Æ	1291	,,	,, ,,	1182	342
تيرة Teereh	Æ	*x*	'Othmánlees	Moḥammad II.	128, 129	57
الجزائر Algiers	Æ	*x*	'Othmánlees	Suleymán I.	218, 219	84
	Æ	*x*	,,	,,	220	85
	Æ	982	,,	Murád III.	255	97
	Æ	1003	,,	Moḥammad III.	278, 279	105
	,,	1012	,,	Aḥmad I.	304	113
	,,	1040	,,	Murád IV.	345	127
	,,	1041	,,	,,	346	127
(غرب)	,,	1078	,,	Moḥammad IV.	392	142
	,,	1143	,,	Maḥmood I.	569	184
	,,	1144	,,	,,	573	185
	,,	1147	,,	,,	570	185
	,,	1148	,,	,,	574	185
	,,	1156	,,	,,	575	186
	,,	1162	,,	,,	571	185
	,,	1163	,,	,,	572	185
	,,	1166	,,	,,	576	186
	,,	1170	,,	'Othmán III.	589	190
	Æ	1172	,,	Muṣṭafá III.	674	211
	,,	1173	,,	,,	676	211
	,,	1182	,,	,,	675	211
	,,	1185	,,	,,	677	211
	,,	1189	,,	'Abd-El-Ḥameed I.	748	228
	Æ	1190	,,	,,	744	227
	Æ	,,	,,	,,	749	229
	,,	1191	,,	,,	751	229
	Æ	1192	,,	,,	745	227

MINT.	Metal.	A.H.	Year of Reign.	DYNASTY.	PRINCE.	NO.	Page
الجزائر Algiers (*continued*)	Æ	1192		'Othmánlees	'Abd-El-Ḥameed I.	752	229
	Æ	1194		,,	,,	746, 747	228
	Æ	1196		,,	,,	750, 753	229
	Æ	1207		,,	Seleem III.	825	248
	,,	1210		,,	,,	826	248
	Æ	1213		,,	,,	823	247
	,,	1217		,,	,,	822	247
	Æ	1222		,,	,,	824	247
	Æ	1222		,,	Muṣṭafá IV.	836	252
	Æ	1230		,,	Maḥmood II.	1044	309
	Æ	1232		,,	,,	1029	305
	,,	1235	13	,,	,,	1033 1034	306 307
	,,	1237		,,	,,	1030	306
	Æ	,,		,,	,,	1035 1040 1041	307 308
	Æ	1238		,,	,,	1031	306
	Æ	,,		,,	,,	1036	307
	Æ	123.)		,,	,,	1028	305
	Æ	,,		,,	,,	1032	306
	Æ	,,		,,	,,	1037	307
	,,	1240		,,	,,	1038	307
	,,	1242		,,	,,	1042	308
	,,	1244		,,	,,	1039 1043	308
جزيرة Jezeereh	Æ	*x*		Ḳara-Kuyunli	Pir Budáḳ Khán	24	10
الحرمين الشريفة .. The Two Holy Cities in the Hijáz	Æ	*x*		'Othmánlees	Suleymán I.	209-214	82-3

MINT.	Metal.	A.H.	DYNASTY.	PRINCE.	NO.	Page
حلب Aleppo	Ⱥ	926	'Othmánlees	Suleymán I.	197, 198	78
	Æ	,,	,,	,,	199	79
	,,	x	,,	,,	200	79
	Ⱥ	974	,,	Seleem II.	226-228	87
	Æ	x	,,	,,	229	88
	Ⱥ	982	,,	Murád III.	242	92
	Æ	,,	,,	,,	243-245	93
	Æ	991	,,	,,	246	93
	Ⱥ	1003	,,	Moḥammad III.	264, 265	101
	Æ	,,	,,	,,	266	101
	,,	1012	,,	Aḥmad I.	288-290	109
	,,	x	,,	Murád IV.	333	123
	,,	1058	,,	Moḥammad IV.	373	136
	Æ	1171	,,	Muṣṭafá III.	635	200
(sic) حمذان Hamadhán?	Æ	867	Ḳara-Kuyunli	Pir Budáḳ Khán	14	8
خانجة Khánjeh	Æ	x	'Othmanlees	Moḥammad II.	130	58
	Ⱥ	982	,,	Murád III.	249	94
	Æ	1012	,,	Aḥmad I.	285, 286	108
	,,	1020?	,,	,,	287	108
دمشق Damascus	Ⱥ	926	'Othmánlees	Suleymán I.	196	78
	,,	982	,,	Murád III.	241	92
	,,	1003	,,	Moḥammad III.	261	100
	,,	x	,,	,,	262	100
	Æ	x	,,	,,	263	100
	Æ	1027	,,	'Othmán II.	310	116
	Æ	1049	,,	Ibráheem	357	130
	,,	1058	,,	Moḥammad IV.	372	135

MINT.	Metal.	A.H.	DYNASTY.	PRINCE.	NO.	Page
دیاربکر Diyár-Bekr	Æ	1146 ?	'Othmánlees	Maḥmood I.	540	178
دیر Deyr (?)	Æ	No Year	Ḳara-Kuyunli	Iskendar	6	4
رها Rohá	Æ	*x*	'Othmánlees	Seleem I.	168, 169	69
ساقز Sáḳiz(Scio.)	Æ	982	'Othmánlees	Murád III.	251	95
سدره قیسی Sidreh-Keysee	Æ	926	'Othmánlees	Suleymán I.	185-187	74
	Æ	,,	,,	,,	188, 189	75
	,,	982	,,	Murád III.	239	91
سرز Serez (سیروز)	Æ	822	'Othmánlees	Moḥammad I.	102	50
	,,	816	,,	,,	102*a*	50
	,,	834	,,	Murád II.	118	55
	,,	855	,,	Moḥammad II.	139	60
	,,	865	,,	,,	139*a*	60
سرای Seráï	Æ	1100	'Othmánlees	Suleymán II.	401	146

MINT.	Metal.	A.H.	DYNASTY.	PRINCE.	NO.	Page
سكوب Skub	Æ	[982]	'Othmánlees	Moḥammad III.	260	99
(*sic*) سواس Seewás	Æ	*x*	Ameers of Ḳaramán	'Alá-ed-deen	51	23
شاماخی Shámákhy ?	Æ	866 ?	Ḳara-Kuyunli	Pir Budák Khán	16, 17	9
شيراز Sheeráz	Æ	896	Ák-Kuyunli	Yaaḳoob	31	14
صنعا Ṣan'á	Æ	1032	'Othmánlees	Murád IV.	335	124
صور ؟ Ṣoor ?	Æ	*x*	'Othmánlees	Suleymán I.	201	79
طرابلس غرب Tripoli*	Æ	92*x*	'Othmánlees	Suleymán I.	215, 216	83

* Except in the case of nos. 215 and 216, always distinguished by the word غرب.

MINT.	Metal.	A.H.	Year of Reign.	DYNASTY.	PRINCE.	NO.	Page
طرابلس Tripoli (*continued*)	Æ	*x*		'Othmánlees	Aḥmad I.	297, 298	111
	Æ	*x*		,,	'Othmán II.	314	118
	Æ	*x*		,,	Muṣṭafá I. B.	325	121
	Æ	1078		,,	Moḥammad IV.	378, 379	138
	Æ	,,		,,	,,	382, 383	139
	Æ	1083		,,	,,	381	139
	Æ	1091		,,	,,	384	139
	,,	1094		,,	,,	385	140
	Æ	1098		,,	,,	380	138
	Æ	,,		,,	,,	386	140
	,,	1102		,,	Suleymán II.	406	148
	Æ	1108		,,	Muṣṭafá II.	433	156
	Æ	1115		,,	Aḥmad III.	496, 497	169
	,,	*x*		,,	Maḥmood I.	558	182
	,,	1168		,,	'Othmán III.	588	190
	Æ	1171		,,	Muṣṭafá III.	649	206
	Æ	*x*		,,	,,	650, 651	206
	,,	1188		,,	'Abd-El-Ḥameed I.	737, 738	225-6
	Æ	1193	7	,,	,,	735	225
	Æ	,,	,,	,,	,,	736	225
	Æ	1203	—	,,	Seleem III.	818	246
	,,	1210	—	,,	,,	819	246
	,,	1216	14	,,	,,	817	245
	Æ	1217	15	,,	,,	815	245
	,,	1219	17	,,	,,	816	245
	Æ	1223	—	,,	Maḥmood II.	1000, 1003 / 1004, 1007 / 1008	298-300
	,,	1235	13	,,	,,	1001	299
	,,	1240	18	,,	,,	1005	299
	,,	1242	20	,,	,,	998, 999 / 1006	298 / 300
	,,	1243	21	,,	,,	1011	301
	,,	1245	23	,,	,,	1012-1014	301-2
	,,	1247	25	,,	,,	1015-1017 / 1019	302 / 303
	,,	1250	28	,,	,,	1020	303
	,,	1251	29	,,	,,	1021	303
	,,	1256	34	,,	,,	1022	303
	,,	*x*	*x*	,,	,,	1002, 1009 / 1010, 1016	299-302
عكا Acre	Æ	1256	—	'Othmánlees	'Abd-El-Mejeed	Meds. IX., IX.A	353
	Æ	,,	—	,,	,,	Medal X.	354

MINT.	Metal.	A.H.	DYNASTY.	PRINCE.	NO.	Page
فس (؟) Fás?	Æ	1056	'Othmánlees	Ibráheem	365	133
صرير (؟)	Æ	No Year	Ḳara-Kuyunli	Iskendar	4	3
قارص Kars	Æ	1272	'Othmánlees	'Abd-El-Mejeed	Med. XV.	356
قرا طاغ Ḳara Ṭágh	Æ	1279	'Othmánlees	'Abd-El-'Azeez	Med.XVI.	357
قراطوة Ḳaratova	Æ	886	'Othmánlees	Báyezeed II.	150	64
	,,	926	,,	Suleymán I.	190, 191	75-6
قريم Krim	Æ	1271	'Othmánlees	'Abd-El-Mejeed	Med.XIV.	356
قسطنطينية Constanti-nople*	Æ	875	'Othmánlees	Moḥammad II.	140	60
	Æ	x	,,	,,	141	61

* See note on orthography, p. 144.

MINT.	Metal.	A.H.	DYNASTY.	PRINCE.	NO.	Page
قسطنطينية Constant. (*continued*)	Ⱥ	886	'Othmánlees	Báyezeed II.	145	62
	Æ	,,	,,	,,	146	62
	Æ	903	,,	,,	147	63
	Æ	918	,,	Seleem I.	161, 162	67
	Æ	,,	,,	,,	163	67
	,,	923	,,	,,	164	67
	Ⱥ	926	,,	,,	158-160	66
	,,	926	,,	Suleymán I.	172-174	71
	Æ	,,	,,	,,	175	71
	Æ	,,	,,	,,	178	72
	,,	933	,,	,,	179	72
	,,	953	,,	,,	180,180*a*	73
	,,	957	,,	,,	181, 183	73
	,,	966	,,	,,	184	73
	Æ	*x*	,,	,,	176, 177	72
	Ⱥ	982	,,	Murád III.	234-237	90
	Æ	,,	,,	,,	238	91
	Ⱥ	1003	,,	Moḥammad III.	257	98
	Æ	,,	,,	,,	258	98
	Ⱥ	1012	,,	Aḥmad I.	280, 281	106
	Æ	,,	,,	,,	282	106
	,,	1027	,,	'Othmán II.	309	116
	,,	1031	,,	Muṣṭafá I. B	318-322	119
	,,	1032 ?	,,	Murád IV.	330-332	122
	,,	1049	,,	Ibráheem	347-353	128, 129
	Æ	,,	,,	,,	354	129
	,,	1054	,,	,,	355	130
	Ⱥ	1058	,,	Moḥammad IV.	366-368	134
	Æ	*x*	,,	,,	369-371	135
	,,	1099*	,,	Sulεymán II.	395-398	144, 145
	Æ	,,	,,	,,	399, 400	145
	Æ	1102	,,	Aḥmad II.	408, 409	149
	Æ	,,	,,	,,	410	149
	Ⱥ	1106	,,	Muṣṭafá II.	413, 414	151
	Æ	,,	,,	,,	415-422	151-153
	Ⱥ	1115	,,	Aḥmad III.	436-440	157
	Æ	,,	,,	,,	441-471	158-163
(*Isl.*)†	Ⱥ	,,	,,	,,	472-474, 476	163, 164
,,	Æ	,,	,,	,,	477-479	164, 165
,,	Ⱥ	1123	,,	,,	475	164
,,	,,	1143	,,	Maḥmood I.	502-515	171-173
(*Cons.*)	Æ	,,	,,	,,	516-537	174-177

* For denomination of coins refer to Index of Years. † Islámból.

MINT.	Metal.	A.H.	Year of Reign.	DYNASTY.	PRINCE.	NO.	Page
قسطنطينية Constant. (*continued*)							
(*Isl.*)	Æ	1168		'Othmánlees	'Othmán III.	577-579, & Med. XVII.,	187, 357
(*Cons.*)	Æ	,,		,,	,,	580-584	188
(*Isl.*)	Æ	[117]1		,,	Muṣṭáfa III.	599	193
,,	Æ	,,		,,	,,	626, 628	199
,,	,,	[117]2		,,	,,	621	197
,,	Æ	[117]3		,,	,,	595	192
,,	Æ	[117]4		,,	,,	619	197
,,	Æ	[117]5		,,	,,	596	192
,,	,,	[117]6		,,	,,	597	192
,,	Æ	,,		,,	,,	611	195
,,	Æ	[117]7		,,	,,	598,600, 601, 604	193, 194
,,	Æ	,,		,,	,,	622, 631	198, 200
,,	Æ	[117]8		,,	,,	591, 602	191, 193
,,	Æ	,,		,,	,,	610	195
,,	Æ	[117]9		,,	,,	590, 592	191
,,	,,	[118]0		,,	,,	593	192
,,	Æ	,,		,,	,,	623,632, 633	198, 200
,,	Æ	[118]1		,,	,,	594, 605	192, 194
,,	Æ	,,		,,	,,	624,627, 634	198- 200
,,	Æ	[118]2		,,	,,	606	194
,,	Æ	,,		,,	,,	612	196
,,	,,	[118]3		,,	,,	613, 625	196, 198
,,	Æ	[118]4		,,	,,	603, 607	194
,,	Æ	,,		,,	,,	614, 629	196, 198
,,	Æ	[118]5		,,	,,	608	194
,,	Æ	,,		,,	,,	615,616, 620, 630	196, 197, 199
,,	Æ	[118]6		,,	,,	609	195
,,	Æ	,,		,,	,,	617	197
,,	,,	[118]7		,,	,,	618	197
,,	Æ	1187	1	,,	'Abd-El-Ḥameed I.	678, 687	212, 214
(*Cons.*)	Æ	,,	,,	,,	,,	695,698, 704, 716	216, 217, 220
,,	Æ	,,	,,	,,	,,	726	222
(*Isl.*)	Æ	1188	2	,,	,,	683,688, 689	213, 214

MINT.	Metal.	A.H.	Year of Reign.	DYNASTY.	PRINCE.	NO.	Page
قسطنطينية Constant. (*continued*)							
(*Cons.*)	Æ	1188	2	'Othmánlees	'Abd-El-Ḥameed I.	699, 700, 705-707, 712, 717, 721	217-221
,,	Æ	,,	,,	,,	,,	727	222
,,	Æ	1189	3	,,	,,	701, 722	217, 221
,,	,,	1190	4	,,	,,	718	220
(*Isl.*)	Æ	1191	5	,,	,,	684	213
(*Cons.*)	Æ	,,	,,	,,	,,	713	219
,,	,,	1192	6	,,	,,	708, 719	218, 220
(*Isl.*)	Æ	1193	7	,,	,,	679	212
,,	,,	1194	8	,,	,,	685, 690	214, 215
,,	,,	1195	9	,,	,,	686	214
(*Cons.*)	Æ	,,	,,	,,	,,	696, 709, 714	216, 218, 219
(*Isl.*)	Æ	1196	10	,,	,,	680, 691	212, 215
(*Cons.*)	Æ	,,	,,	,,	,,	702, 710	217, 219
(*Isl.*)	Æ	1197	11	,,	,,	681, 692	213, 215
(*Cons.*)	Æ	,,	,,	,,	,,	697, 723	216, 221
(*Isl.*)	Æ	1198	12	,,	,,	693	215
(*Cons.*)	Æ	,,	,,	,,	,,	720	221
,,	,,	1199	13	,,	,,	703, 724	217, 221
,,	,,	1200	14	,,	,,	715, 725	220, 222
(*Isl.*)	Æ	1201	15	,,	,,	682	213
,,	,,	1202	16	,,	,,	694	215
(*Cons.*)	Æ	,,	,,	,,	,,	711	219
(*Isl.*)	Æ	1203	1	,,	Seleem III.	754, 761. 763	230, 232
,,	Æ	,,	,,	,,	,,	792, 796, 808	239, 240, 242
,,	Æ	1204	2	,,	,,	762	232
,,	Æ	,,	,,	,,	,,	781, 789, 797	236, 238, 240
,,	Æ	1205	3	,,	,,	764	232
,,	Æ	,,	,,	,,	,,	790	238
,,	Æ	1206	4	,,	,,	765	233
,,	Æ	,,	,,	,,	,,	782, 793, 803	237, 239, 241
,,	Æ	1207	5	,,	,,	759, 766	231, 233
,,	Æ	,,	,,	,,	,,	783, 794, 795, 798, 800, 804	237, 239, 240-1

MINT.	Metal.	A.H.	Year of Reign.	DYNASTY.	PRINCE.	NO.	Page
قسطنطينية Constant. (*continued*) (*Isl.*)	Æ	1208	6	'Othmánlees	Seleem III.	755, 760, 767	230-1, 233
,,	Æ	,,	,,	,,	,,	801	241
,,	Æ	1209	7	,,	,,	768	233
,,	Æ	1210	8	,,	,,	756	231
,,	Æ	,,	,,	,,	,,	784, 802	237, 241
,,	Æ	1211	9	,,	,,	769	233
,,	Æ	1212	10	,,	,,	770	234
,,	Æ	,,	,,	,,	,,	785	237
,,	Æ	1213	11	,,	,,	757, 771, 772	231, 234
,,	Æ	,,	,,	,,	,,	805	242
,,	Æ	1214	12	,,	,,	758, 773	231, 234
,,	Æ	,,	,,	,,	,,	786, 806	237, 242
,,	Æ	1215	13	,,	,,	774	234
,,	Æ	,,	,,	,,	,,	807	242
,,	Æ	1216	14	,,	,,	775	235
,,	Æ	,,	,,	,,	,,	791	238
,,	Æ	1217	15	,,	,,	787	237
,,	Æ	1218	16	,,	,,	776, 777	235
,,	Æ	,,	,,	,,	,,	788, 799	237, 240
,,	Æ	1219	17	,,	,,	778, 779	235, 236
,,	Æ	1220	18	,,	,,	780	236
,,	Æ	,,	,,	,,	,,	809	243
,, (*Cons.*)	Æ	1222	1	,,	Mustafá IV.	827, 829, 830	249, 250
	Æ	,,	,,	,,	,,	831-833	250, 251
	Æ	1223	2	,,	,,	828	249
	Æ	,,	,,	,,	,,	834	250
	Æ	1223	1	,,	Mahmood II.	837, 839, 843	253-255
	Æ	,,	,,	,,	,,	935, 940, 944	277-279
	Æ	1224	2	,,	,,	844	255
	Æ	,,	,,	,,	,,	941, 945	279
	Æ	1225	3	,,	,,	845	255
	Æ	,,	,,	,,	,,	931, 942	276, 279
	Æ	1226	4	,,	,,	846	255
	Æ	1227	5	,,	,,	847	256
	Æ	,,	,,	,,	,,	936	278
	Æ	1228	6	,,	,,	848	256
	Æ	,,	,,	,,	,,	937, 943	278, 279
	Æ	1229	7	,,	,,	849	256
	Æ	,,	,,	,,	,,	932	277

MINT.	Metal.	A.H.	Year of Reign.	DYNASTY.	PRINCE.	NO.	Page
قسطنطينية Constant. (*continued*)	Æ	1230	8	'Othmánlees	Maḥmood II.	850	256
	,,	1231	9	,,	,,	838, 851, 860, 867	253,256, 259, 261
	Æ	,,	,,	,,	,,	933	277
	Æ	1232	10	,,	,,	852, 861, 864, 868, 869	257, 259-261
	,,	1233	11	,,	,,	853, 862, 865, 870	257-259, 262
	,,	1234	12	,,	,,	854, 863, 871	257,259
	,,	1235	13	,,	,,	855, 866, 872	257-262
	,,	1236	14	,,	,,	856, 873	257, 262
	Æ	,,	,,	,,	,,	934, 938	277, 278
	Æ	1237	15	,,	,,	857, 874, 875, 878	258, 262-264
	Æ	,,	,,	,,	,,	939	278
	Æ	1238	16	,,	,,	858, 876, 877, 879, 880, 885	258, 263, 265
	,,	1239	17	,,	,,	840, 859, 881, 886, 889	254, 258, 265-6
	,,	1240	18	,,	,,	882, 887, 890	265-267
	Æ	,,	,,	,,	,,	946, 948	280
	Æ	1241	19	,,	,,	883, 891	265, 267
	Æ	,,	,,	,,	,,	947	280
	Æ	1242	20	,,	,,	884, 888, 892	265-267
	,,	1243	21	,,	,,	893, 897, 898, 904	267, 270
	Æ	,,	,,	,,	,,	949, 950	281
	Æ	1244	22	,,	,,	841, 894	254,267,
						899, 905	269, 270
	Æ	,,	,,	,,	,,	963	285
	Æ	1245	23	,,	,,	895, 900, 906	268-270
	Æ	,,	,,	,,	,,	951, 953	281, 282
	Æ	1246	24	,,	,,	896, 901, 907, 909	268-271
	Æ	,,	,,	,,	,,	953*a*, 957	283
	Æ	1247	25	,,	,,	902, 908, 910	269, 271

MINT.	Metal.	A.H.	Year of Reign.	DYNASTY.	PRINCE.	NO.	Page
قسطنطينية Constant. (*continued*)	Æ	1247	25	'Othmánlees	Maḥmood II.	951*a*, 952, 958, 965	282-288
	Æ	,,	—	,,	,,	967	288
	Æ	1248	26	,,	,,	903, 911, 913, 920	270-274
	Æ	,,	,,	,,	,,	951*b*, 952*a*, 964	282-285
	Æ	1249	27	,,	,,	912, 914, 921	272-274
	Æ	,,	,,	,,	,,	954, 959, 964*c*	283-286
	Æ	1250	28	,,	,,	915, 922, 927	273-275
	Æ	,,	,,	,,	,,	955, 960, 964*a*, 965*a*	283-287
	Æ	1251	29	,,	,,	842, 916, 923, 928	254, 273-275
	Æ	,,	,,	,,	,,	961, 963*a*, 964*b*, *d*, 966	284-288
	Æ	1252	30	,,	,,	917, 924	273, 275
	Æ	,,	,,	,,	,,	956, 962, 964*e*	283, 284 87
	Æ	1253	31	,,	,,	918, 925, 929	273, 275, 276
	Æ	,,	,,	,,	,,	932*a*, 964*f*	285, 287
	Æ	1254	32	,,	,,	919, 926, 930	273, 275, 276
	Æ	,,	,,	,,	,,	962*b*	285
	Æ	1255	1	,,	'Abd-El-Mejeed	1046, 1048, 1050	310, 311
	Æ	,,	,,	,,	,,	1052, 1053*a*	311, 312
	,,	1256	2	,,	,,	1052*b*	312
	Æ	1257	3	,,	,,	1049	311
	Æ	1258	4	,,	,,	1053	312
	Æ	1259	5	,,	,,	1047, 1051	310, 311
	Æ	,,	,,	,,	,,	1052*a*	311
	Æ	1260	6	,,	,,	1054, 1056	312, 313
	Æ	,,	,,	,,	,,	1057, 1059, 1061, 1066	313-315
	,,	1261	7	,,	,,	1060, 1062, 1064	314
	Æ	,,	,,	,,	,,	1089	319
	,,	1262	8	,,	,,	1100	322
	Æ	1264	10	,,	,,	1063, 1070	314, 315
	Æ	,,	,,	,,	,,	1090, 1101	320, 322
	,,	1265	11	,,	,,	1091, 1102	320, 322
	Æ	1266	12	,,	,,	1058, 1067	313, 315

MINT.	Metal.	A.H.	Year of Reign.	DYNASTY.	PRINCE.	NO.	Page
قسطنطينية Constant. (*continued*)	Æ	1266	12	'Othmánlees	'Abd-El-Mejeed	1092	320
	,,	1267	13	,,	,,	1093	320
	Æ	1268	14	,,	,,	1055	313
	Æ	,,	,,	,,	,,	1094, 1103	320, 322
	,,	1269	15	,,	,,	1083, 1095	318, 321
	Æ	1270	16	,,	,,	1068	315
	Æ	,,	,,	,,	,,	1078, 1084, 1096, 1104	317-322
	,,	1271	17	,,	,,	1071, 1079 1085	316-319
	,,	1272	18	,,	,,	1072	316
	,,	1273	19	,,	,,	1073, 1080, 1086, 1097	316-321
	,,	1274	20	,,	,,	1074, 1081, 1087, 1098	316-321
	Æ	1275	21	,,	,,	1069	315
	Æ	,,	,,	,,	,,	1075, 1082, 1088, 1099	317-321
	,,	1276	22	,,	,,	1076	317
	,,	1277	23	,,	,,	1077	317
	Æ	1277	1	,,	'Abd-El-'Azeez	1157, 1161	336, 337
	Æ	,,	,,	,,	,,	1163, 1165, 1167, 1168	338, 339
	Æ	1279	3	,,	,,	1158, 1160	337
	Æ	1280	4	,,	,,	1162, 1164, 1166, 1168	338, 339
	Æ	1281	5	,,	,,	1155	336
	,,	1283	7	,,	,,	1151	335
	,,	1284	8	,,	,,	1152	335
	,,	1285	9	,,	,,	1154	336
	Æ	1287	11	,,	,,	1156	336
	Æ	1288	12	,,	,,	1153	335
	,,	1293	1	,,	Murád v.	1192	345
	Æ	,,	—	,,	,,	1193-1195	345, 346
	,,	1293	1	,,	'Abd-El-Ḥameed II.	1200, 1203, 1204	348
	Æ	1294	2	,,	,,	1196	347
	Æ	1295	3	,,	,,	1201	348
	,,	1296	4	,,	,,	1202	348
	Æ	1298	6	,,	,,	1197-1199	347
	,,	1299	7	,,	,,	1197*a*	347
قم Kumm	Æ	899		Ák-Kuyunli	Rustem	32	14

MINT.	Metal.	A.H.	DYNASTY	PRINCE.	NO.	Page
قونية Ḳóniyeh	Æ	*x*	Ameers of Ḳaramán	Moḥammad II.	52	24
	,,	829	,, ,,	Ibraheem	53	24
	,,	841	,, ,,	,,	54	25
	,,	*x*	Vassal of Ḳaramán	Mufettiḥ-ed-deen	55	26
كاشان Káshán	Æ	86*x*	Ḳara-Kuyunli	Jehán Sháh	8	5
كردستان Kurdistán	Æ	1263	'Othmánlees	Abd-El-Mejeed	Med. XI.	355
	Æ	,,	,,	,,	Med. XII.	355
كعب (?)	Æ	*x*	Ḳara-Kuyunli	Ḥasan 'Alee	26	10
كنجة Kenjeh	Æ	1115	'Othmánlees	Aḥmad III.	483	166
	,,	1143	,,	Maḥmood I.	538	177
كونه ?	Æ	768	Ameers of Ḳaramán	'Alá-ed-deen	49	23
لاهجان Lahiján	Æ	*x*	Ḳara-Kuyunli	Jehán Sháh	10	6

MINT.	Metal.	A.H.	DYNASTY.	PRINCE.	NO.	Page
مراغة Merághah	Æ	899	Áḳ-Kuyunli	Rustem	33	15
مصر Miṣr (Cairo)	Æ	928	'Othmánlees	Suleymán I.	202-206	80, 81
	Æ	928	,,	,,	208	81
	Æ	9xx	,,	,,	207	81
	Æ	974	,,	Seleem II.	231	89
	Æ	,,	,,	,,	232	89
	Æ	982	,,	Murád III.	252-254	96
	,,	1003	,,	Moḥammad III.	271, 272	103
	Æ	,, ?	,,	,,	273	103
	,,	x	,,	,,	274-276	103
	Æ	1012	,,	Aḥmad I.	292, 293	110
	Æ	x	,,	,,	294-296	110-11
	Æ	1026	,,	Muṣṭafá I. A	308	115
	,,	1027	,,	'Othmán II.	311, 312	117
	Æ	x	,,	,,	313	117
	Æ	x	,,	Muṣṭafá I. B	324	120
	,,	1032	,,	Murád IV.	336-338	124
	,,	1049	,,	Ibráheem	358, 359	131
	Æ	,,	,,	,,	360	131
	Æ	1058	,,	Moḥammad IV.	376	137
	Æ	,,	,,	,,	377	137
	Æ	1099	,,	Suleymán II.	404, 405	147
	,,	1102	,,	Aḥmad II.	411	150
	,,	1103	,,	,,	412	150
	,,	1106	,,	Muṣṭafá II.	432	155
	,,	1115	,,	Aḥmad III.	487-89a	167-68
	Æ	,,	,,	,,	490-493	168
	Æ	,,	,,	,,	494, 495	169
	Æ	1143	,,	Maḥmood I.	541-553	178-81
	Æ	,,	,,	,,	554-557	181
	Æ	1168	,,	'Othmán III.	585-587	189
	,,	1171	,,	Muṣṭafá III.	637, 638	201-2
	Æ	,,	,,	,,	639	202
	,,	[117]2	,,	,,	640	202
	,,	[11]82	,,	,,	641	202
	Æ	[11]83	,,	,, ['Alee Bey]	645	204
	Æ	,,	,,	,, ,,	647, 648	205
	Æ	[11]85	,,	,,	643	203
	Æ	[11]86	,,	,, ['Alee Bey]	644, 646	204
	Æ	[11]87	,,	,,	642	203
	,,	1187	,,	'Abd-El-Ḥameed I.	733, 734	224

MINTS.	Metal.	A.H.	Year of Reign.	DYNASTY.	PRINCE.	NO.	Page
مصر Miṣr (Cairo) (*continued*)	Æ	1188	2	'Othmánlees	'Abd-El-Ḥameed I.	730, 731	223
	„	1203	—	„	Seleem III.	810, 811	243
	Æ	1209	7	„	„	814	244
	„	1215	13	„	„	813	244
	„	1218	16	„	„	812	244
	„	1229	7	„	Maḥmood II.	986	294
	Æ	1238	16	„	„	977	291
	Æ	1240	18	„	„	986*a*	294
	„	1243	21	„	„	988	295
	Æ	1244	22	„	„	978, 980	291-2
	Æ	„	„	„	„	987	294
	Æ	1246	24	„	„	981	292
	„	1248	26	„	„	979	291
	Æ	1250	28	„	„	995	297
	Æ	1251	29	„	„	982, 985,	292-3
	Æ	„	„	„	„	991	296,
	Æ	„	„	„	„	992, 996-7	296-7
	Æ	1252	30	„	„	990, 993	295-6
	Æ	1253	31	„	„	983	293
	Æ	„	„	„	„	989, 994	295, 297
	„	1254	32	„	„	984	293
	Æ	1255	1	„	'Abd-El-Mejeed	1122	327
	„	1256	2	„	„	1123, 1130	327, 329
	Æ	1257	3	„	„	1108	324
	Æ	1258	4	„	„	1115	325
	Æ	„	„	„	„	1124, 1131	327, 329
	Æ	1259	5	„	„	1106, 1107	325
	Æ	„	„	„	„	1114, 1116	325-6
	Æ	„	„	„	„	1125, 1132	328-9
	Æ	1260	6	„	„	1109	324
	Æ	„	„	„	„	1118	327
	Æ	„	„	„	„	1126, 1128	328
	Æ	1261	7	„	„	1120	326
	Æ	„	„	„	„	1129	328
	„	1262	8	„	„	1129*a*	329
	Æ	1264	10	„	„	1110	324
	Æ	„	„	„	„	1117, 1119	326
	„	1266	12	„	„	1121	327
	Æ	1270	16	„	„	1111	324
	Æ	„	„	„	„	1127	328
	Æ	1273	19	„	„	1112	324
	„	1276	22	„	„	1113	325
	Æ	1279	3	„	'Abd-El-'Azeez	1171	340
	Æ	„	„	„	„	1172*a*	340
	„	1280	4	„	„	1173, 1175, 1180	340, 341

MINT.	Metal.	A. H.	Year of Reign.	DYNASTY.	PRINCE.	NO.	Page
مصر Miṣr (Cairo) (*continued*)	Æ	1281	5	'Othmánlees	'Abd-El-'Azeez	1174, 1177	340-1
	,,	1282	6	,,	,,	1175, 1178	341
	,,	1283	7	,,	,,	1179	341
	Æ	1285	9	,,	,,	1169	339
	Æ	1286	10	,,	,,	1172	340
	Æ	1288	12	,,	,,	1170	339
مكة Mekkeh	Æ	1223		'Othmánlees	Maḥmood II.	976	290
نوابردة Novaberda	Æ	926		'Othmánlees	Suleymán I.	193	76
	Æ	974		,,	Seleem II.	224	86
	,,	*x*		,,	,,	225	87
	,,	982		,,	Murád III.	240	91
	,,	1003		,,	Moḥammad III.	259	99
نوار Novár	Æ	886		'Othmánlees	Báyezeed II.	151, 152	64
	,,	918		,,	Seleem I.	165—167	68
	,,	926		,,	Suleymán I.	192	76
وان Ván	Æ	*x*		Áḳ-Kuyunli	Rustem	36	16
	Æ	1100		'Othmánlees	Suleymán II.	402	146
	,,	1239		,,	Maḥmood II.	968	288
ناری				Áḳ-Kuyunli	Rustem	34	15

III. INDEX OF NAMES.

—ابراهيم بن احمد

—347 سلطان ابرهيم [ابراهيم and] بن [ابن and] احمد خان 355, 357—360, 365

Same, in Ṭughrá, 356

362—364 سلطان ابراهيم بن احمد

—ابرهيم بن محمد القرمانى

53 السلطان المعظم ابرهيم بن محمد بن قرمان

54 ابرهيم بن محمد بن قرمان

محمد, سليمان, جنيد, احمد *see* (بن) ابراهيم

—احمد [II] بن ابراهيم

السلطان [سلطان and] احمد بن ابراهيم [ابرهيم and] خان 408, 409, 411, 412

Same, in Ṭughrá, 410

—احمد [I] بن محمد

280—282, 287, 291—296, 304 سلطان احمد بن محمد خان

Same, in Ṭughrá, 283—286, 288—290, 305

297 السلطان احمد خان ابن السلطان محمد خان

298, 307 سلطان احمد خان

299—303 السلطان احمد بن محمد خان

306 سلطان احمد خان بن سلطان محمد خان

—احمد [III] بن محمد

السلطان احمد بن محمد خان in Ṭughrá, 436—442, 447, 448, 451—465, 472—489*a*, 492—495

Same, not in Ṭughrá, 443—446, 449, 450, 498—501

سلطان احمد بن محمد خان 466—471, 490, 491

السلطان احمد خان ابن [بن and] السلطان محمد خان 496, 497

مصطفى ,مراد ,عثمان ,عبد الحميد ,ابرهيم *see* (بن) احمد

محمد *see* ارتين

اسحاق 65, 66

اسحاق بن الياس 58

السلطان العادل ابو النصر اسكندر 4—6

علا الدين ,حسن ,جهانشاه ,پير بوداق ,اورخان *see* الاعظم ,يوسف ,محمد ,قاسم

قاسم *see* الاكبر

الياس بن محمد 61

ليث ,عمر ,اسحاق *see* (بن) الياس

يوسف ,يعقوب ,سليمان ,حسن *see* امير

—اورخان

اورخان 68

السلطان الاعظم اورخان عبد الله [بن] عثمان 69—73, 75

السلطان الاعظم اورخان عبد الله 74

السلطان الاعظم اورخان [illegible] 76—80

[illegible] ,, ,, ,, 81

مراد *see* (بن) اورخان

ب

—بايزيد [II] بن محمد

سلطان بايزيد بن محمد خان 145—148, 150—152, 156, 157

بايزيد بن محمد خان 149, 153, 154

سلطان بايزيد خان 155

—بايزيد [I] بن مراد

بايزيد بن مراد 89—91

سلطان بايزيد 92

بايزيد خان 93

محمد, سليمان, سليم see (بن) بايزيد

البرين / البحرين } see سلطان and مالك

بكلربك ؟ 64

يوسف, مراد, جهانشاه see بهادر

پ

سعيد see پاشا

سليمان see پادشاه غازى

—پير بوداق خان

السلطان العالم پير بوداق خان 11—13

سلطان پير بوطاق خان 14—23

السلطان الاعظم بوداق خان 24, 25

ج

حسن see جلال الدين

يوسف *see* جمال الدين
60 جنيد بن ابراهيم
—جهان شاه
7 سلطان الغازى جهانشاه
8 سلطان الغازى المظفر جهانشاه
9 السلطان العادل جهانشاه
10 السلطان الاعظم جهانشاه بهادر

ح

سليمان *see* الحرمين الشريفة . .
27 السلطان الاعظم ابو النصر امير حسن
26 جلال الدين حسن

خ

محمد *see* خاغان
سلطان *see* خاقان
سليمان ,سليم ,رستم ,پير بوداق ,بايزيد ,احمد ,ابرهيم *see* خان
قاسم ,عثمان ,عبد المجيد ,عبد العزيز ,عبد الحميد
يعقوب ,مصطفى ,مراد ,محمود ,محمد

ر

—رستم خان
32 سلطان رستم خان
33—36 سلطان رستم

س

969—971 سعيد پاشا

سلطان البرين وخاقان البحرين السلطان بن [ابن or] السلطان,
employed as a title-formula (and described as "Formula B") on coins of Sulṭáns Murád III., Moḥammad III., Aḥmad I., Muṣṭafá I., 'Othmán II., Murád IV., Ibráheem, Moḥammad IV., Suleymán II., Aḥmad II., Muṣṭafá II., Aḥmad III., Maḥmood I., 'Othmán III., Muṣṭafá III., 'Abd-El-Ḥameed I., Seleem III., Muṣṭafá IV., Maḥmood II.; and in the Barbary States used in the abbreviated forms (I.) (*sic*) سلطان البرين ولبحرين by Ibráheem (365), (II.) سلطان البرين وخاقان البحرين by Aḥmad III. (499—501), Maḥmood I., 559, 560, [Ámid, 540], Muṣṭafá III., 632—634, 'Abd-El-Ḥameed I., 739—741, Seleem III., 817, 821, Maḥmood II., 1023—1026. *See* no. 230, and *Introduction*, pp. xix. xx.

سلطان or السلطان *see* احمد, ابراهيم, اسكندر, اورخان,
سليمان, سليم, رستم, حسن, جهانشاه, پير بوداق, بايزيد,
علا الدين, عثمان, عبد المجيد, عبد العزيز, عبد الحميد
مراد, محمود, محمد, قاسم

محمود *see* سلطان سلاطين زمان

سلطان البرين *see* (بن) السلطان

—سليم [I] بن بايزيد

سلطان سليم خان بن بايزيد خان 158—160

سلطان سليم شاه بن بايزيد خان 161—163, 165—167, 170

سلطان سليم بن بايزيد خان 168, 169

—سليم [II] بن سليمان

سلطان سليم بن سليمان خان 224

سلطان سليم شاه بن سليمان . . . 225

سلطان سلیم شاه بن سلطان سلیمان خان 226—228

سلطان سلیم خان بن سلطان سلیمان 229

سلطان سلیم شاه بن سلطان سلیمان شاه فی البر والبحر 230

سلطان سلیم شاه بن سلیمان خان 231, 233

—سلیم [III] بن مصطفی

السلطان سلیم بن مصطفی خان in Ṭughrá, 754—814, and Medals I.—IV.

السلطان سلیم خان 815—817, 821

سلطان سلیم ابن مصطفی خان 818—820

سلطان سلیم خان 822—826

مراد, سلیمان (بن) سلیم see

—سلیمان بن بایزید

امیر سلیمان بن بایزید 94—97

سلطان سلیمان 99

—سلیمان [II] بن ابراهیم

السلطان [سلطان and] سلیمان بن ابراهیم [ابرهیم and] خان 395—397, 402, 404—407

Same, in Ṭughrá 399—401, 403

—سلیمان [I] بن سلیم

سلطان سنیمان بن سلیم خان 172—174, 185—187, 217—220, 222

سلطان سلیمان شاه بن سلیم خان 175, 188—190, 193, 202, 203, 207, 215, 216, 221

سلطان سلیمان بن سلیم شاه 176, 177

سلیمان خان 181, 182

سلطان سليمان شاه بن سليم شاه 191, 192
سلطان سليمان شاه بن سلطان سليم شاه 195—197
سلطان سليمان شاه بن سلطان سليم خان 198
سليمان شاه 200
سلطان سليمان بن سلطان سليم شاه 204—206
سلطان سليمان پادشاه غازی 209, 211—214
سلطان سليمان پادشاه غازی الحرمين الشريفه . . 210
سليم see (بن) سليمان

ش

يوسف ,مراد ,سليمان ,سليم ,جهان see شاه

مراد see شيخ

ص

ضارب see صاحب

مراد see صاحب العادل المستقيم

محمد see الصادق

ض

ضارب النصر صاحب العز والنصر فی البر والبحر, employed as a title-formula (and described as "Formula A") on coins of Sulṭáns Bayazeed II., Seleem I., Suleymán I., Seleem II., Murád III., Moḥammad III., Aḥmad I., Moḥammad IV. (in Tripoli and Tunis), Suleymán II. (Tunis), Muṣṭafá III. (and 'Alee Bey in Egypt); and with variation الظفر for النصر (Muṣṭafá III., Tripoli, 649). *See Introduction*, pp. xix. xx.

ع

يعقوب, مراد, جهانشاه, اسكندر see العادل

پير بوداق see العالم

اورخان see عبد الله

—عبد الحميد [I] بن احمد

السلطان عبد الحميد بن احمد خان in Ṭughrá, 678—694, 698—703, 706—727, 730, 733—736

Same, not in Ṭughrá, 695—697, 704, 705, 731, 732

السلطان عبد الحميد خان 728, 729, 739—741, 744—746

سلطان عبد الحميد 737, 747

سلطان عبد الحميد خان 742, 743, 748—753

السلطان عبد الحميد [II] بن عبد المجيد خان in Ṭughra 1196—1204

مصطفى, محمود see (بن) عبد الحميد

—عبد العزيز بن محمود خان

السلطان عبد العزيز بن محمود خان in Ṭughrá, 1151—1180

السلطان عبد العزيز خان 1181—1191

خان عبد العزيز المستند بتوفيقات الربانية ملك الدولة العثمانية Medal XVI.

—عبد المجيد بن محمود خان

السلطان عبد المجيد بن محمود خان in Ṭughrá, 1046—1132, and Medals IX.—XV., XIX.

السلطان الغازى عبد المجيد خان 1133—1137, 1139, 1140, 1146—1150.

السلطان عبد المجيد خان 1138, 1141—1145

خان عبد المجيد Medal XVIII.

عبد الحميد see (بن) عبد المجيد

—عثمان [II] بن احمد

سلطان عثمان [I]بن احمد خان 309, 311, 312

سلطان عثمان بن 313

سلطان عثمان خان 314

سلطان عثمان بن احمد 315—317

—عثمان [III] بن مصطفى

السلطان عثمان بن مصطفى خان in Ṭughrá, 577—587, and Medal XVII.

سلطان عثمان خان 589

اورخان [بن] عثمان see

محمود see عدلى

—علا الدين القرمانى

السلطان الاعظم علا الدنيا والدين 44—51, (؟ الاعدل 43).

علا الدين 55.

محمد see (بن) علا الدين

على [in ligature: = 'Alee Bey] 647, 648

[مر]ع بن الياس 59, 110.

(؟) (ابن) عمر 102a

عيسى 57

غ

مراد, محمود, سليمان see غازى

عبد المجيد, جهانشاه see الغازى

محمد see غياث ا . . .

محمد see غياث الدنيا والدين

ق

—قاسم خان

42 قاسم

35 سلطان ظهر قاسم

38, 41 السلطان الاعظم الاكبر مير قاسم خان المظفر

39 السلطان . . . المظفر الاعظم قاسم

40 السلطان الاعظم ابو المظفر قاسم

ابرهيم see (بن) قرمان

ل

62 ليث بن الياس بن محمد

م

مراد see مالك البرين والبحرين والشام والعراقين

63 السلطان الاعظم غياث الـ . . محمد ارتين

[باى] محمد 1133—1137, 1139, 1140, 1146—1150

[باى] محمد الصادق 1181—1191

—محمد [IV] بن ابراهيم

366—371, 374— سلطان محمد بن ابراهيم [ابرهيم and] خان

379, 382—387, 389—392

Same, in Ṭughrá, 372—374, 388

380, 392, 394 سلطان محمد خان

381 سلطان محمد خان بن ابراهم خان

—محمد [I] بن بايزيد

100, 102 محمد بن بايزيد خان

سلطان محمد بن سلطان بايزيد خان 102a

محمد بن بايزيد 103, 105

سلطان محمد بن بايزيد 106

السلطان الملك الا . . . محمد بن بايزيد 104.

غياث الدنيا والدين محمد بن بايزيد 101

محمد بن بايزيد خاغان 107

السلطان الاعظم محمد بن علا الدين 52

—محمد [II] بن مراد

محمد بن مراد خان 120—129, 131, 132, 134, 136—141, 143, 144

سلطان محمد بن مراد خان 130, 133

محمد بن مراد 135, 142

—محمد [III] بن مراد

سلطان محمد بن مراد خان 257—265, 271, 272, 277—279

Same, in Ṭughrá, 266—270, 273—276

محمد (بن) see مصطفى, مراد, ليث, بايزيد, الياس, احمد, ابرهيم

—محمود [II] بن عبد الحميد

السلطان محمود بن عبد الحميد خان in Ṭughrá, 837—945, 949—966, 968, 972, 973, 975, 977—999, 1003—1005, 1033, 1034, 1045, and Medals V.—VIII.

Same, not in Ṭughrá, 946–948

السلطان محمود خان ابن السلطان عبد الحميد خان 867—874

عدلى added at side of Ṭughrá, 840—842, 875—930, 951—964*f*, 982—985, 989–991, and Medals V.–VIII.

سلطان سلاطين زمان عدلى محمود خان 880—896

سلطان سلاطين زمان غازى محمود خان 897—908

سلطان محمود 967, 1022, 1040—1044

سلطان محمود خان 1000—1002, 1006, 1017—1021, 1028—1032, 1035—1039

السلطان محمود خان 1023—1027

—محمود [I] بن مصطفى

السلطان محمود بن مصطفى خان in Ṭughrá, 502—539, 541—557

Same, not in Ṭughrá, 540, 559, 560

سلطان محمود خان 558, 569—572

سلطان محمود 561—566, 568, 573—576

عبد المجيد, عبد العزيز *see* (بن) محمود

—مراد [IV] بن احمد

سلطان مراد بن احمد خان 332, 335—341, 344—346.

Same, in Ṭughrá, 330, 331, 333, 334

سلطان مراد خان غازى بن احمد خان 334

سلطان مراد خان بن احمد خان 342, 343

—مراد [I] بن اورخان

مراد بن اورخان 83—85, 87

السلطان العا (*sic*) مراد بن اورخان 86

مراد خان 88

—مراد [III] بن سليم

سلطان مراد شاه بن سليم خان 234, 241

سلطان مراد بن سليم خان 235—237, 239, 245, 247—249, 251—255

مراد خان 240

سلطان مراد بن سلطان سليم شاه 242—244

سلطان مراد خان بن سليم‌خان 250

صاحب العادل المستقيم السلطان مراد بن السلطان سليم‌مالك البرين والبحرين والشام والعراقين 256

السلطان مراد [V] بن عبد المجيد خان in Ṭughrá, 1192—1195

—مراد [II] بن محمد

مراد بن محمد 108

مراد بن محمد خان 109, 112—119

سلطان مراد بن محمد خان 110, 111

سلطان مراد خان ؟ 118*a*

السلطان العادل لمظفر مراد شيخ بهادر 37

محمد ,بايزيد *see* (بن) مراد

المستقيم *see* مراد

المستند بتوفيقات الربانية *see* عبد العزيز

—مصطفى [III] بن احمد

السلطان مصطفى بن احمد خان in Ṭughrá, 590—609, 611—615, 619, 620, 622—630, 633—643, 647, 648

السلطان مصطفى ابن احمد خان not in Ṭughrá, 610, 616—618, 621

سلطان مصطفى بن احمد خان 631, 632, 644—646, 649

سلطان مصطفى خان 650, 651, 655—667, 674, 675

السلطان مصطفى خان 652—654

سلطان مصطفى 668—672, 676, 677

—مصطفى [IV] بن عبد الحميد

السلطان مصطفى بن عبد الحميد خان in Ṭughrá, 827—830, 832—835

Same, not in Ṭughrá, 831

السلطان مصطفى خان 836

—مصطفى [I] بن محمد

سلطان مصطفى بن محمد خان 308, 318—324

سلطان مصطفى خان 325—329

—مصطفى [II] بن محمد

السلطان مصطفى بن محمد خان 415—418, 420, 422—426, 428, 430, 431

Same, in Ṭughrá, 413, 414, 419, 421, 429, 432

سلطان مصطفى بن محمد خان 427, 434, 435

سلطان مصطفى خان بن محمد خان 433

محمود ,عثمان ,سليم see (بن) مصطفى

مراد ,جهانشاه see المظفر

قاسم see ابو المظفر

ابرهيم see المعظم

مفتح الدين 55

محمد see الملك

عبد العزيز see ملك الدولة العثمانية

قاسم see مير

ن

حسن ,اسكندر see (ابو) النصر

يوسف see نويان

ه

يوسف see الهونا (؟)

ى

—يعقوب خان

السلطان العادل امير يعقوب خان 28, 29, 30, 33, 34

سلطان يعقوب 31

—شاه يوسف نويان

شاه يوسف نويان 11, 12

امير يوسف بهادر نويان 13

امير شاه يوسف نويان 14—16

امير بهادر يوسف نويان 17—19

امير شاه يوسف 20—23

امير يوسف نويان 24

يوسف نويان 25

—[قرا] يوسف

الهونا الاعظم جمال الدين يوسف 1—3

IV.—INDEX OF DENOMINATIONS.

A.—GOLD.

1 Sequin Funduklee, 404, 405, 407, 411—414, 429, 432, 437—440, 472, 473, 480, 487—489*a*, 508, 551, 552, 595—598, 649, 744—746, 761, 762, 815, 816, 827, 836, 1027

½ „ „ 474, 498, 509, 510, 553, 569, 570—572, 589, 599, 600, 822, 1028

¼ „ „ 573—576, 689—694, 747, 763—780, 823, 828, 843—859, 977

1 Sequin Zer Mahboob, 475, 511—513, 542, 549, 601—603, 638, 645, 646, 652, 653, 683—686, 730, 731, 735, 755—758, 829, 837, 838, 869—874

½ „ „ „ 476, 514, 515, 550, 579, 586, 587, 604—609, 654, 687, 688, 732, 739, 740, 759, 760, 810, 811, 830, 839, 864–866

2 „ „ „ 503–507, 577*a*, 578, 585, 591—594 637, 644, 678—682, 754, 860—863, 867, 868

3 „ „ „ 541

4 „ „ „ 577, 590

6 „ „ „ ? 502

MAḤMOOD II's. MONETARY REFORM.

1 Sequin 'Adlee, &c., 840, 875, 876, 880—884, 898—903, 913—919, 1046, 1047

½ „ „ 841, 842, 877, 885—888, 904—908, 920—926, 978, 979, 982, 1048, 1049

¼ „ „ 878, 879, 889—896, 909, 912, 927, 930, 980, 981, 1050, 1105

2 „ „ 897

EGYPTIAN CURRENCY BEFORE MEJEEDEEYEH.

20 Piastres, 983, 984

10 „ 985

MEJEEDEEYEH CURRENCY.

5 Lire, or 500 Piastres, 1151, 1196

2½ „ „ 250 „ 1152

1 „ „ 100 „ 1054, 1055, 1106, 1153, 1192, 1197, 1197*a*

½ „ „ 50 „ 1056, 1107, 1154, 1198

¼ „ „ 25 „ 1155, 1199

5 „ (Egypt), 1108—1113, 1169, 1170

TUNISIAN CURRENCY UNDER MOḤAMMAD BEY AND MOḤAMMAD BEY EṢ-ṢÁDIḲ.

A.	100	Piastres,	1133
	80	„	1134
	40	„	1135
	20	„	1136
	10	„	1137
B.	25	„	1181, 1182
	10	„	1183

B.—SILVER.

Akcheh, 397, 398, 463—471, 534—537, 633, 634, 721—725, 808

Para, 427, 457—462, 477—479, 490—493, 530—533, 554—557, 583, 584, 628—632, 639—642, 716—720, 733, 734, 803—807, 814, 835

2 Paras? 433, 561—566

Beshlik, 455, 456, 486, 526—529, 538, 582, 626, 627, 676, 677, 712—715, 729, 751—753, 800—802, 818—820, 825, 826, 834

Onlik, 451—454, 481—485, 499—501, 524, 525, 539, 559, 560, 581, 622—625, 674, 675, 707—711, 728, 748—750, 796—799, 824, 833

Onbeshlik, 421, 449, 450, 621

Yigirmilik, 409, 420, 425, 426, 447, 448, 521—523, 619 620, 648, 706, 795, 813, 817, 1045

Zolota, 396, 443—446, 520, 616—618, 704, 705

Ghurooush or Piastre, 395, 408, 415—419, 423, 424, 430, 431, 441, 442, 516—519, 580, 611—615, 647, 698—703, 736, 792—794, 812, 832

Altmishlik, 610, 695—697, 789—791, 831

Yuzlik, 781—788.

MAḤMOOD II's MONETARY REFORM.

Para, 945, 965, 966

Besh-paralik, 950, 986*a*, 988

On-paralik, 944, 949, 963, 963*a*, 1053*a*

Yigirmi-paralik, 940—943, 948, 957—962*b*, 987, 1052*b*, 1053

Piastre, 938, 939, 947, 953—956, 986

Yuzlik, 934, 935, 952, 952*a*

Beshlik, 931—933, 951—951*b*

Altmishlik, 936, 937, 946, 964*e*, 964*f*, 1052*a*

Uchlik, 964*c*, 964*d*, 1052

Altilik, 964—964*b*

EGYPTIAN CURRENCY BEFORE MEJEEDEEYEH.

Silver.

20 Piastres, 989

Piastre, 990

10 Paras, 991

Copper.

5 Paras, 992—994

Para, 995—997

MEJEEDEEYEH CURRENCY.

Silver.

Mejeedeeyeh, or 20 Piastres, 1057, 1058, 1156, 1193, 1200

Onlik, „ 10 „ 1059, 1060, 1114, 1157, 1171, 1201

Cheirik, „ 5 „ 1061—1063, 1115, 1158, 1194, 1202

Ikilik, „ 2 „ 1064, 1065, 1159

Ghuroosh, „ 1 „ 1066—1069, 1116, 1117, 1160, 1195, 1203

Yigirmi-paralik, „ ½ „ or 20 paras, 1070, 1118, 1119, 1161, 1204

¼ „ „ 10 „ (Egypt), 1120, 1121

Copper.

Ghuroosh paralik, or 40 paras, 1071—1077, 1162, 1172

Yigirmi-paralik, „ 20 „ 1078—1082, 1163, 1164, 1172*a*—1175

On-paralik, „ 10 „ 1083—1088, 1127, 1165, 1166, 1176—1179

Besh-paralik, „ 5 „ 1089—1099, 1128—1129*a*, 1167, 1168

Para, 1100—1104, 1130—1132

4 Paras (Egypt), 1180

TUNISIAN CURRENCY UNDER MOḤAMMAD BEY AND MOḤAMMAD BEY EṢ-ṢÁDIḲ.

Silver.

2	Piastres,			1138, 1184
½	„	or 8	Kharoobehs,	1139
		2	„	1140

Copper.

2	„	or 13	Burbehs,	1146—1148;		or 8	Aḳchehs,	1185	
1	„	„ 6	„	1141—1143,	1149;	„ 4	„	1186, 1191	
½	„	„ 3	„	1144, 1145,	1150;	„ 2	„	1187	
¼	„					„ 1	„	1188	
						½	„	1189	
						¼	„	1190	

V.—INDEX OF ORNAMENTS, ABBREVIATIONS, MARKS OF GENUINENESS, ETC.

عدل 32—36

سكة جديد Medal XVII.

اشته تصحيح عيار سكة يه صرف همت
قيلدى خان عبد المجيد } Medal XVIII.

مدة 1133—1137, 1139, 1140, 1146—1150, 1181—1191

سه ؟ 250

ثمن ؟ 277

فلو[س ؟] 194

ن 389—381

ط 867—874

*** For list of initial letters appearing on coins of Aḥmad III. (441 ff.), Maḥmood I., 'Othmán III, Muṣṭafa III., and Seleem III., see Introduction, xxxviii. and xxxix.

Animal, Figure of, 42

Annulet, 153

Arabesque, 4, 5, 171, 208, 246, 558, 1017

Bird, Fish, 976

Collar and ring, 436

Counterstamp, 16, 31, 32, 33, 34, 35, 45, 63, 1146

Crescent, 649, 1198

Crescent and star, 974, 1057—1063

Dollar, 418—420

Geometrical Koofee inscr., 39—41, 52

Hexagram, 63, 229, 307, 326—328, 393, 394, 651, 1115, 1016

Laurel-branches, 1054, 1192, 1196

Ligature, 56, 647.

Olive-branches, 1151 ff.

Ornament, 92, 93, 99, 105—107, 119, 136—139, 149, 156, 157, 178—184, 217, 223, 238, 298, 310, 318—322, 329, 333, 339—341, 344, 355, 357, 1014

Ornamented borders, *passim*.

Quivers, 1054, 1151 ff., 1192, 1196

Star, 122—127, 139*a*, 184, 188, 190—192, 200, 222, 1064 ff. 1192

Three stars, 141, 554

Five stars, 1010

Seven stars, 1054 ff., 1151 ff., 1192, 1196

Trefoil, 141, 290

Tughra, 94—97, 108, 119, 136—138, 181, 182, 247, 248, 263, 266, etc., *passim*.

 1011.

 551—553.

 728.

VI. MISCELLANEOUS INDEX.

لا اله الا الله محمد رسول الله 1—30, 33—35, 38—41, 43—51, 56, 57, 63—65, 68—84, 101, 209—214

لا اله الا الله محمد رسول الله صلى الله عليه 53

فمن يعمل مثقال ذرة خيرا يره 28—30, 33—35

يا قاضى حاجات يا كافى مهمات in anagram, 299—303

ابو بكر عمر عثمان على 1—7, 9—12, 24, 25, 28—30, 33—35, 39, 43—52, 56, 63, 68—75, 83, 101

الفاروق عثمان ذى 8

لله 45

ايد 14

ايد ملكه 17—19

خلد ملكه 13, 24, 25, 34, 54, &c., *passim.*

خلد الله ملكه 1—6, 38—41, 43—52, 63, 66—84, 86, 256

خلد الله مملكته 53

خلد ملكه ودولته 104

خلد ملكه وسلطانه 7—10, 195, 230

خلد تعالى 212—214

خلفه الله 58

دام ملكه 395, 396, 408, 409, 415—426, 428, 430, 431, [443—446, 449, 450, 610, 616—618, 621, 695—697, 704, 705, 831]* 818—820, 867—874, 946—948

دام ملكه وسلطانه الى اخر الدوران 880—896

سرفه 74

عزه 278, 279

عز نصره 88, 100, 114, 122, &c., *passim.*

عز النصر 365

عز نصره ودام ملكه 498

عز نصره وايده 569—572, 589 (Algiers).

در سعادية محصوص سكة لجا درسه 1167*a*

جامع نصرت Medals V.—VII.

نشان افتخار Medals V.—VII., XIII.

برية الشام وقلعت عكا Medals IX—X.

تاريخ تعمير اية صوفية Medal XIX.

* It is noteworthy that all these numbers enclosed between the brackets refer to coins of the uneven series, 15, 30, 60, Onbeshlik, Zolota, or Altmishlik. With the exception of the compound form found on 498 at Tunis, دام ملكه never appears on a gold coin till the time of Maḥmood II., and is most usual on silver coins of the metropolis.

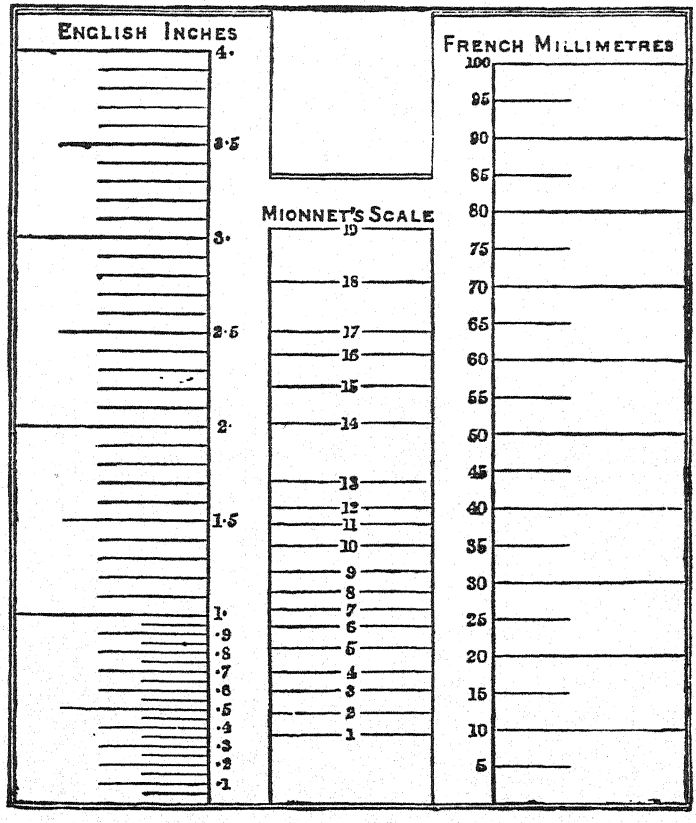
TABLE

FOR

CONVERTING ENGLISH INCHES INTO MILLIMÈTRES

AND THE

MEASURES OF MIONNET'S SCALE.



TABLE

OF THE

RELATIVE WEIGHTS OF

ENGLISH GRAINS and FRENCH GRAMMES.

Grains	Grammes.	Grains.	Grammes.	Grains.	Grammes.	Grains.	Grammes.
1	·064	41	2·656	81	5·248	121	7·840
2	·129	42	2·720	82	5·312	122	7·905
3	·194	43	2·785	83	5·378	123	7·970
4	·259	44	2·850	84	5·442	124	8·035
5	·324	45	2·915	85	5·508	125	8·100
6	·388	46	2·980	86	5·572	126	8·164
7	·453	47	3·045	87	5·637	127	8·229
8	·518	48	3·110	88	5·702	128	8·294
9	·583	49	3·175	89	5·767	129	8·359
10	·648	50	3·240	90	5·832	130	8·424
11	·712	51	3·304	91	5·896	131	8·488
12	·777	52	3·368	92	5·961	132	8·553
13	·842	53	3·434	93	6·026	133	8·618
14	·907	54	3·498	94	6·091	134	8·682
15	·972	55	3·564	95	6·156	135	8·747
16	1·036	56	3·628	96	6·220	136	8·812
17	1·101	57	3·693	97	6·285	137	8·877
18	1·166	58	3·758	98	6·350	138	8·942
19	1·231	59	3·823	99	6·415	139	9·007
20	1·296	60	3·888	100	6·480	140	9·072
21	1·360	61	3·952	101	6·544	141	9·136
22	1·425	62	4·017	102	6·609	142	9·200
23	1·490	63	4·082	103	6·674	143	9·265
24	1·555	64	4·146	104	6·739	144	9·330
25	1·620	65	4·211	105	6·804	145	9·395
26	1·684	66	4·276	106	6·868	146	9·460
27	1·749	67	4·341	107	6·933	147	9·525
28	1·814	68	4·406	108	6·998	148	9·590
29	1·879	69	4·471	109	7·063	149	9·655
30	1·944	70	4·536	110	7·128	150	9·720
31	2·008	71	4·600	111	7·192	151	9·784
32	2·073	72	4·665	112	7·257	152	9·848
33	2·138	73	4·729	113	7·322	153	9·914
34	2·202	74	4·794	114	7·387	154	9·978
35	2·267	75	4·859	115	7·452	155	10·044
36	2·332	76	4·924	116	7·516	156	10·108
37	2·397	77	4·989	117	7·581	157	10·173
38	2·462	78	5·054	118	7·646	158	10·238
39	2·527	79	5·119	119	7·711	159	10·303
40	2·592	80	5·184	120	7·776	160	10·368

TABLE

OF THE

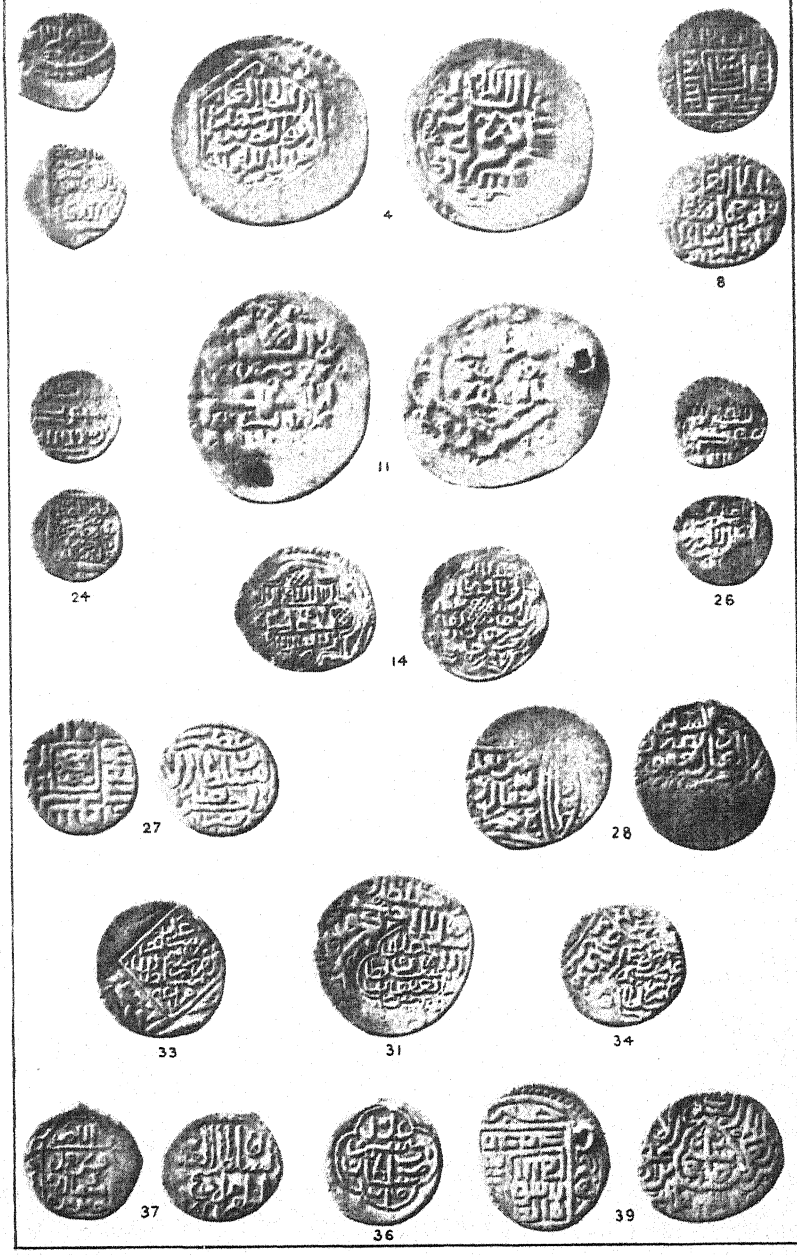
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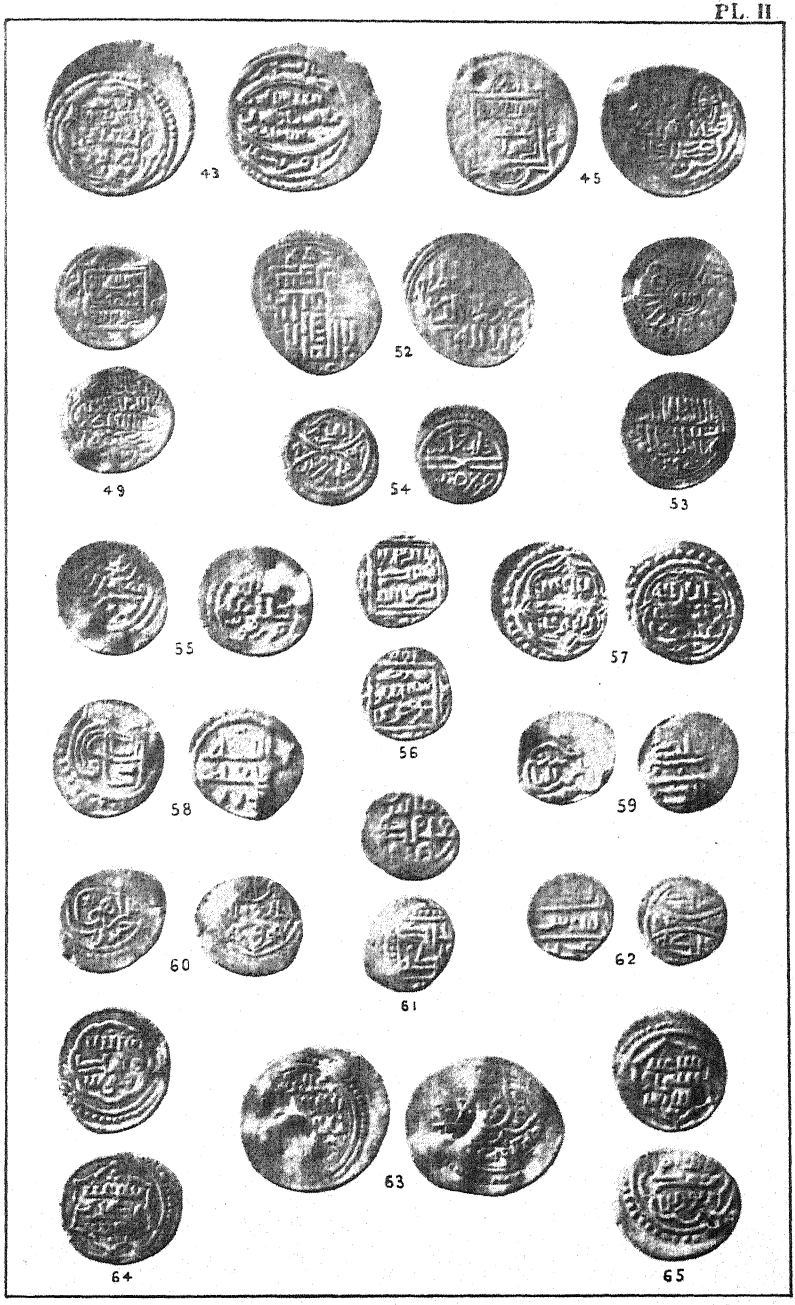
ENGLISH GRAINS and FRENCH GRAMMES.

Grains.	Grammes.	Grains.	Grammes.	Grains.	Grammes.	Grains.	Grammes.
161	10·432	201	13·024	241	15·616	290	18·79
162	10·497	202	13·089	242	15·680	300	19 44
163	10·562	203	13·154	243	15·745	310	20·08
164	10·626	204	13·219	244	15·810	320	20·73
165	10·691	205	13·284	245	15·875	330	21·38
166	10·756	206	13·348	246	15·940	340	22·02
167	10·821	207	13·413	247	16·005	350	22·67
168	10·886	208	13·478	248	16·070	360	23·32
169	10·951	209	13·543	249	16·135	370	23·97
170	11·016	210	13·608	250	16·200	380	24·62
171	11·080	211	13·672	251	16·264	390	25·27
172	11·145	212	13·737	252	16·328	400	25·92
173	11·209	213	13·802	253	16·394	410	26·56
174	11·274	214	13·867	254	16·458	420	27·20
175	11·339	215	13·932	255	16·524	430	27·85
176	11·404	216	13·996	256	16·588	440	28·50
177	11·469	217	14·061	257	16·653	450	29·15
178	11·534	218	14·126	258	16·718	460	29·80
179	11·599	219	14·191	259	16·783	470	30·45
180	11·664	220	14·256	260	16·848	480	31·10
181	11·728	221	14·320	261	16·912	490	31·75
182	11·792	222	14·385	262	16·977	500	32·40
183	11·858	223	14·450	263	17·042	510	33·04
184	11·922	224	14·515	264	17·106	520	33·68
185	11·988	225	14·580	265	17·171	530	34·34
186	12·052	226	14·644	266	17·236	540	34·98
187	12·117	227	14·709	267	17·301	550	35·64
188	12·182	228	14·774	268	17·366	560	36·28
189	12·247	229	14·839	269	17·431	570	36·93
190	12·312	230	14·904	270	17·496	580	37·58
191	12·376	231	14·968	271	17·560	590	38·23
192	12·441	232	15·033	272	17·625	600	38 88
193	12·506	233	15·098	273	17·689	700	45·36
194	12·571	234	15·162	274	17·754	800	51·84
195	12·636	235	15·227	275	17·819	900	58·32
196	12·700	236	15·292	276	17·884	1000	64·80
197	12·765	237	15·357	277	17·949	2000	129·60
198	12·830	238	15·422	278	18·014	3000	194·40
199	12·895	239	15·487	279	18·079	4000	259·20
200	12·960	240	15·552	280	18 144	5000	324 00

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102a




115




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125




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141




145




150




151




158


153

168

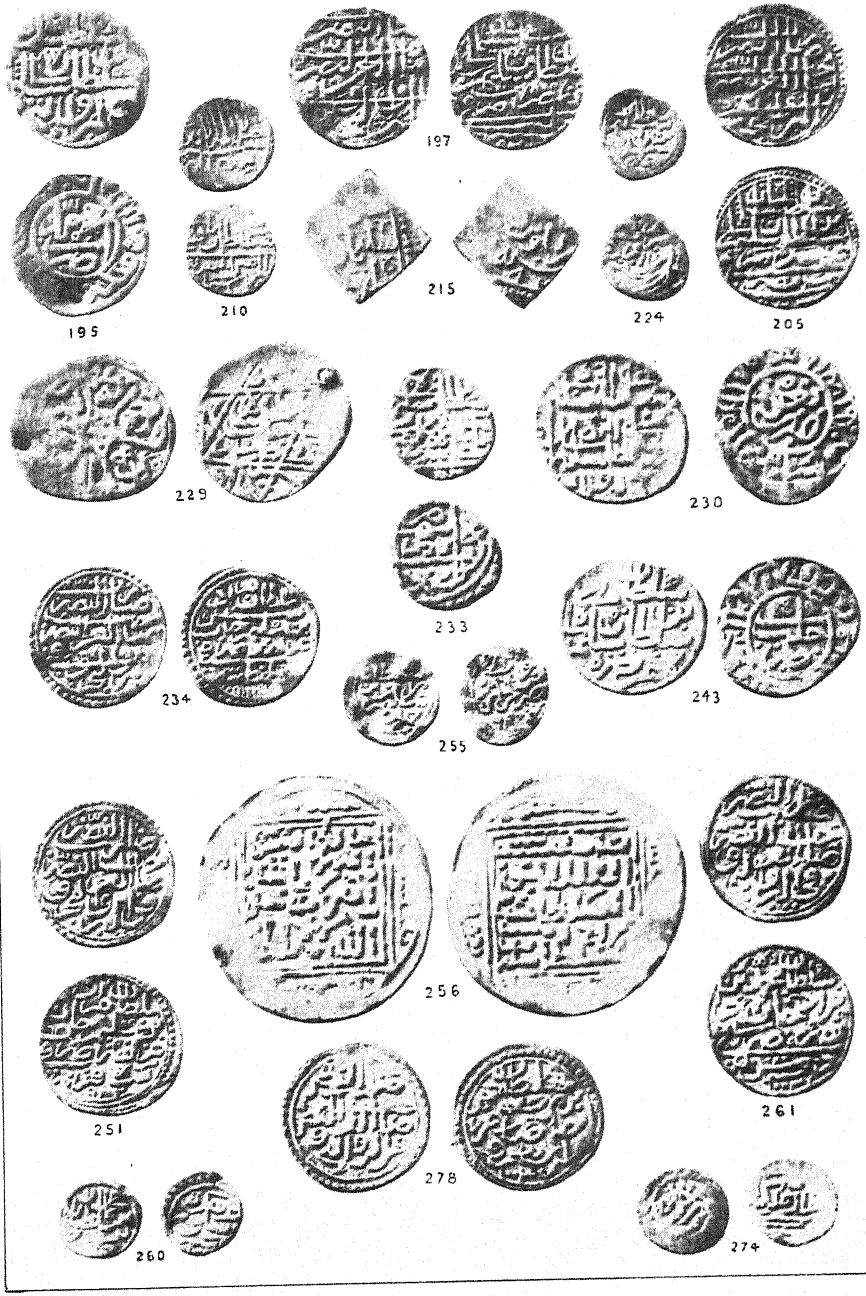
169

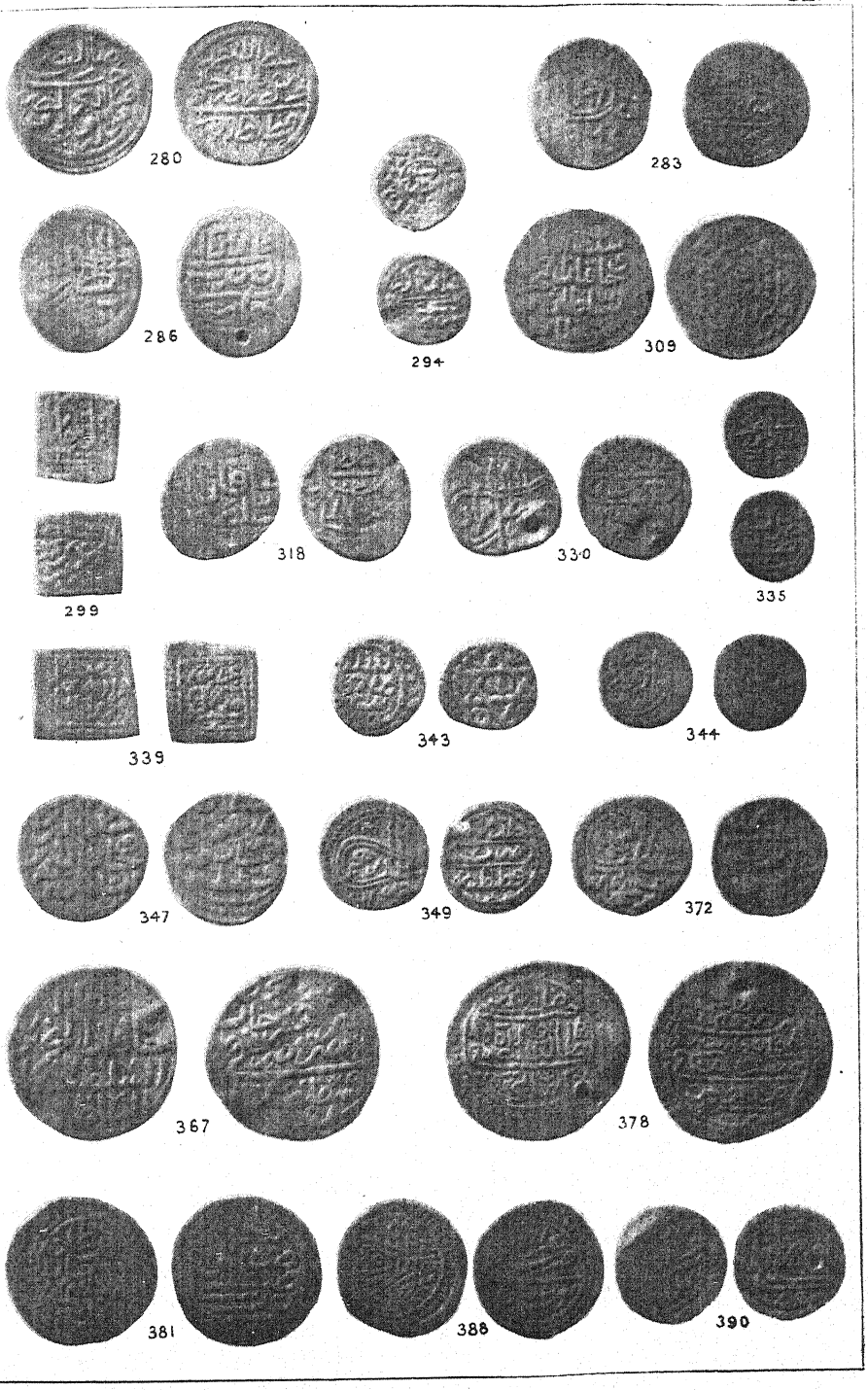
175

172

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401









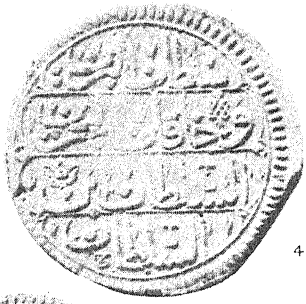
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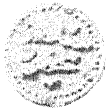
498



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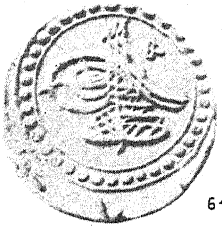


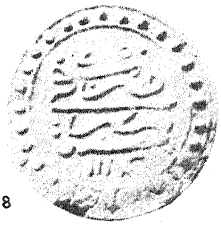


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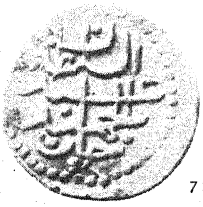


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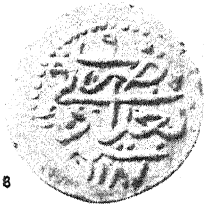








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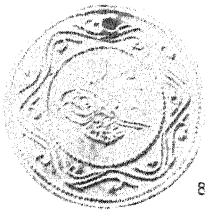
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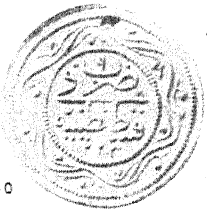




875



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900

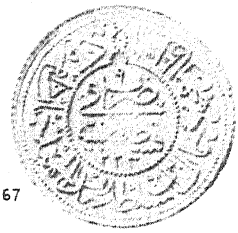




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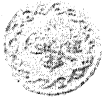


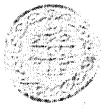
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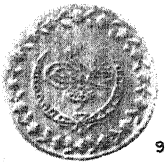
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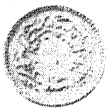
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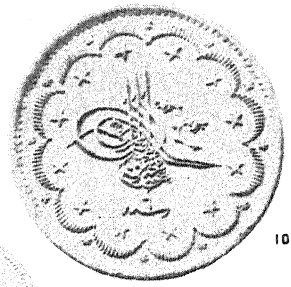
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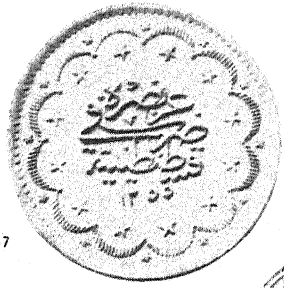




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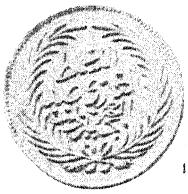


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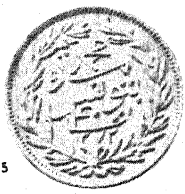






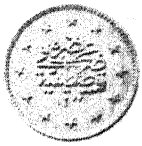


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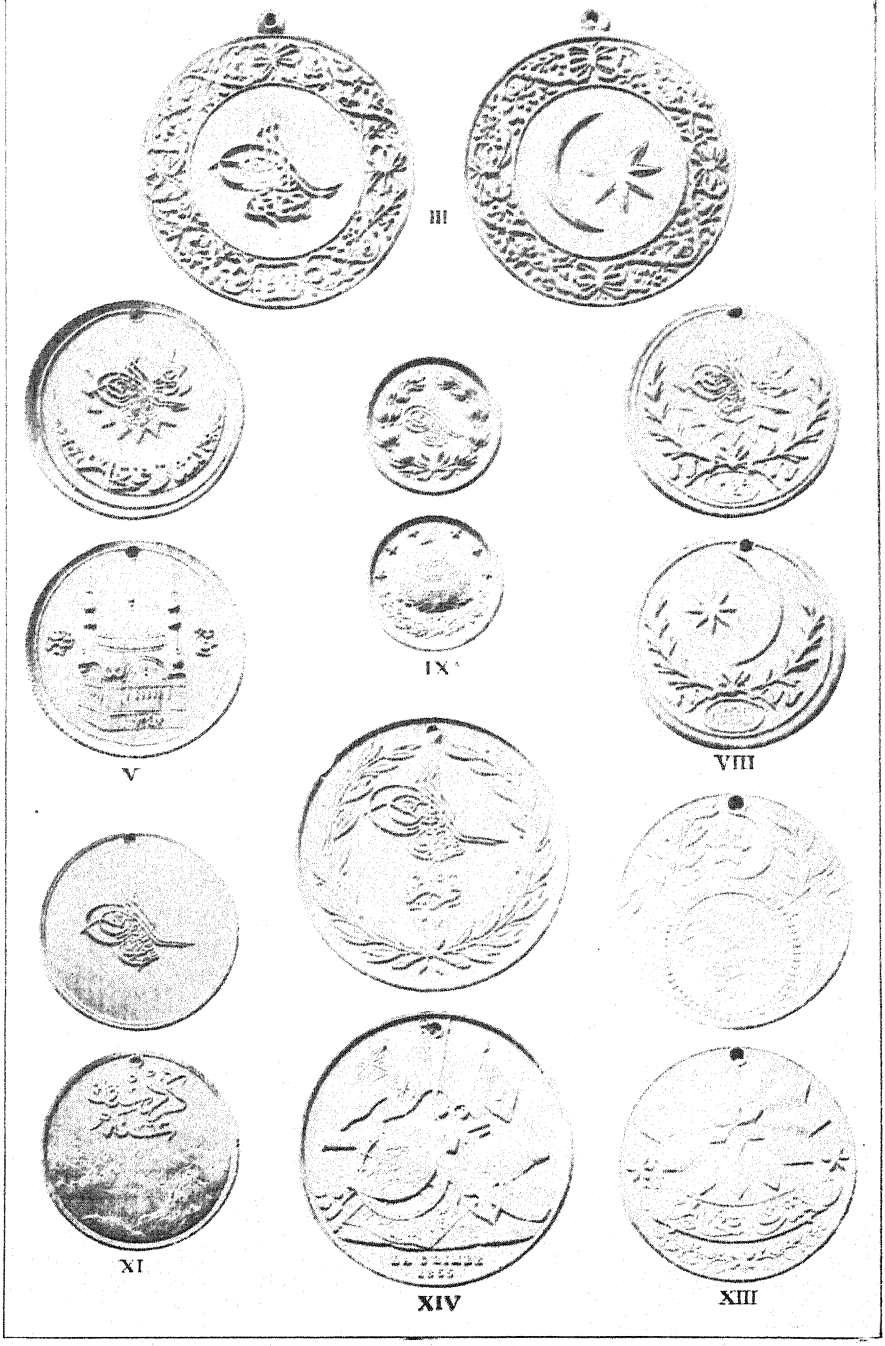


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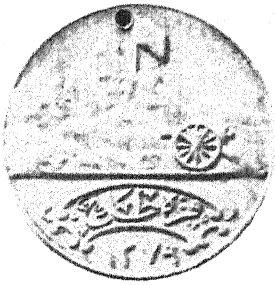
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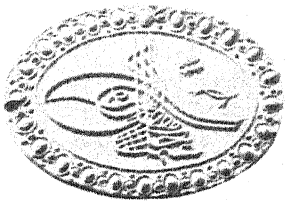
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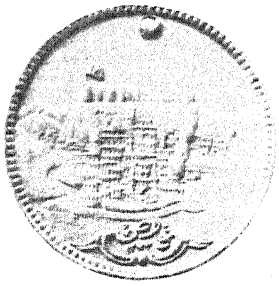
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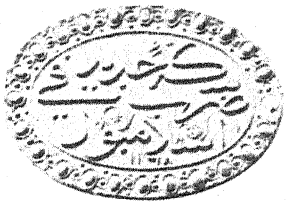








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XVII



XVI

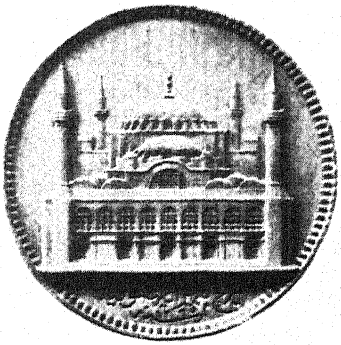


XVIII





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